

SEARCH REQUEST FORM

Requestor's Name: John D. C. Serial Number: 08/794 795
 Date: 9-10-88 Phone: 308-4008 Art Unit: 1616
10B15

Search Topic:

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors, keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

Please search SEQ ID NO: 6 v 5

of 08/794,795 for interferences

OK

Approved
Plan in Draft

Special

Please Rush

Lita Heise

STAFF USE ONLY

Date completed: 9/11
 Searcher: DS 308-4292
 Terminal time: 5
 Elapsed time: Prep 3
 CPU time:
 Total time:
 Number of Searches:
 Number of Databases: 4

Search Site

STIC
 CM-1

Pre-S

Type of Search

N.A. Sequence
 A.A. Sequence
 Structure
 Bibliographic

Vendors

IG

STN

Dialog

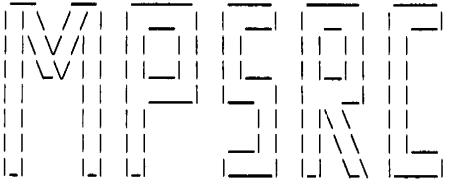
APS

Geninfo

SDC

DARC/Questel

Other mpbsch


 (TM)

Release 3.1A John F. Collins, Biocomputing Research Unit.

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MPSrch_nn n.a. - n.a. database search, using Smith-Waterman algorithm

Run on: Fri Sep 11 06:57:38 1998; MasPar time 61.54 Seconds
 1182.505 Million cell updates/sec

Tabular output not generated.

Title: >US-08-794-795-5

Description: (1-1560) from US08794795.seq

Perfect Score: 1560

N.A. Sequence: 1 ATGAGAAATAAGAAAATTCT.....CAGGCCTGGAGTGCAGCGTC 1560
 Comp: TACTCTTTATCTTTAAGA.....GTCCGCACCTCACCTCGCAG

Scoring table: TABLE default
 Gap 6

Nmatch STD : Dbase 0; Query 0

Searched: 88822 seqs, 23323279 bases x 2

Post-processing: Minimum Match 0%
 Listing first 45 summaries

Database: n-issued
 1:5_COMB 2:PCT9_COMB 3:backfiles1

Statistics: Mean 8.943; Variance 5.183; scale 1.726

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result	Query	No.	Score	Match	Length	DB	ID	Description	Pred. No.
c	2	666	42.7	1868	1	US-08-392-		Sequence 1, Applicatio	0.00e+00
c	2	133	8.5	7218	1	US-08-232-		Sequence 14, Applicati	1.70e-72
	3	39	2.5	215	1	US-08-238-		Sequence 5, Applicatio	1.15e-09
	4	37	2.4	1367	2	PCT-US96-0		Sequence 3, Applicatio	1.72e-08
	5	37	2.4	1367	1	US-08-453-		Sequence 3, Applicatio	1.72e-08
	6	37	2.4	1839	2	PCT-US96-0		Sequence 1, Applicatio	1.72e-08
	7	37	2.4	2028	1	US-08-453-		Sequence 1, Applicatio	1.72e-08
	8	37	2.4	2028	2	PCT-US96-0		Sequence 1, Applicatio	1.72e-08
	9	37	2.4	2037	1	US-08-154-		Sequence 1, Applicatio	1.72e-08
	10	36	2.3	1588	3	5510466-3		Patent No. 5510466.	6.57e-08
	11	35	2.2	1196	1	US-08-167-		Sequence 5, Applicatio	2.48e-07
	12	35	2.2	1807	3	5510466-1		Patent No. 5510466.	2.48e-07
c	13	33	2.1	186	1	US-07-972-		Sequence 80, Applicati	3.41e-06
c	14	33	2.1	215	1	US-08-238-		Sequence 5, Applicatio	3.41e-06
	15	32	2.1	1416	1	US-07-621-		Sequence 1, Applicatio	1.24e-05
	16	33	2.1	7218	1	US-08-232-		Sequence 14, Applicati	3.41e-06
	17	31	2.0	123	1	US-07-609-		Sequence 58, Applicati	4.45e-05
	18	31	2.0	169	1	US-07-972-		Sequence 78, Applicati	4.45e-05
	19	29	1.9	2285	1	US-08-477-		Sequence 9, Applicatio	5.49e-04
	20	28	1.8	216	1	US-07-972-		Sequence 46, Applicati	1.88e-03

21	28	1.8	3394	1	US-08-159-	Sequence 4, Applicatio	1.88e-03	
22	28	1.8	4031	1	US-08-159-	Sequence 1, Applicatio	1.88e-03	
23	26	1.7	105	1	US-07-865-	Sequence 13, Applicati	2.10e-02	
24	26	1.7	108	1	US-07-972-	Sequence 30, Applicati	2.10e-02	
25	27	1.7	186	1	US-07-609-	Sequence 62, Applicati	6.35e-03	
26	27	1.7	186	1	US-08-175-	Sequence 66, Applicati	6.35e-03	
27	27	1.7	226	1	US-08-175-	Sequence 63, Applicati	6.35e-03	
28	27	1.7	4360	1	US-08-470-	Sequence 1, Applicatio	6.35e-03	
29	25	1.6	74	2	PCT-US95-1	Sequence 100, Applicat	6.82e-02	
30	25	1.6	81	2	PCT-US95-1	Sequence 98, Applicati	6.82e-02	
c	31	25	1.6	81	2	PCT-US95-1	Sequence 92, Applicati	6.82e-02
c	32	25	1.6	82	2	PCT-US95-1	Sequence 97, Applicati	6.82e-02
	33	25	1.6	242	1	US-08-273-	Sequence 1, Applicati	6.82e-02
	34	23	1.5	65	1	US-08-471-	Sequence 145, Applicat	6.72e-01
c	35	24	1.5	66	1	US-08-471-	Sequence 144, Applicat	2.17e-01
c	36	24	1.5	69	1	US-08-471-	Sequence 142, Applicat	2.17e-01
	37	24	1.5	74	2	PCT-US95-1	Sequence 94, Applicati	2.17e-01
c	38	24	1.5	74	2	PCT-US95-1	Sequence 94, Applicati	2.17e-01
c	39	24	1.5	75	2	PCT-US95-1	Sequence 99, Applicati	2.17e-01
c	40	24	1.5	75	2	PCT-US95-1	Sequence 99, Applicati	2.17e-01
	41	24	1.5	81	2	PCT-US95-1	Sequence 92, Applicati	2.17e-01
	42	24	1.5	82	2	PCT-US95-1	Sequence 97, Applicati	2.17e-01
	43	24	1.5	162	1	US-07-972-	Sequence 34, Applicati	2.17e-01
	44	24	1.5	162	1	US-07-972-	Sequence 36, Applicati	2.17e-01
c	45	24	1.5	506	1	US-08-253-	Sequence 61, Applicati	2.17e-01

ALIGNMENTS

RESULT	1
ID	US-08-392-367B-1 STANDARD; DNA; UNC; 1868 BP.
AC	XXXXXX
DT	
DE	Sequence 1, Application US/08392367B
CC	Sequence 1, Application US/08392367B
CC	Patent No. 5691197
CC	GENERAL INFORMATION:
CC	APPLICANT: Tryggvason, Karl
CC	APPLICANT: Elomaa, Outi
CC	APPLICANT: Kangas, Maarit
CC	TITLE OF INVENTION: An Insolated DNA Sequence For a
CC	Patent No. 5691197
CC	TITLE OF INVENTION: No. 5691197el Macrophage Receptor with
CC	TITLE OF INVENTION: a Collagenous Domain and the
CC	TITLE OF INVENTION: Polypeptide Chain Encoded by
CC	TITLE OF INVENTION: such a Sequence
CC	NUMBER OF SEQUENCES: 2
CC	CORRESPONDENCE ADDRESS:
CC	ADDRESSEE: Fay, Sharpe, Beall, Fagan,
CC	ADDRESSEE: Minnich & McKee
CC	STREET: 1100 Superior Avenue
CC	STREET: Suite 700
CC	CITY: Cleveland
CC	STATE: Ohio
CC	COUNTRY: U.S.A.
CC	ZIP: 44114-2518
CC	COMPUTER READABLE FORM:
CC	MEDIUM TYPE: Diskette, 3.50 inch,
CC	MEDIUM TYPE: 720 Kb storabale
CC	COMPUTER: IBM PS/2, Model 35 SX
CC	OPERATING SYSTEM: DOS 5.0
CC	SOFTWARE: Word Perfect 5.1
CC	CURRENT APPLICATION DATA:
CC	APPLICATION NUMBER: US/08/392,367B
CC	FILING DATE:
CC	CLASSIFICATION: 435
CC	ATTORNEY/AGENT INFORMATION:
CC	NAME: Minnich, Richard J.
CC	REGISTRATION NUMBER: 24,175
CC	REFERENCE/DOCKET NUMBER: TRV 2 009
CC	TELECOMMUNICATION INFORMATION:
CC	TELEPHONE: (216) 861-5582
CC	TELEFAX: (216) 241-1666

CC TELEX: (216) 980162
 CC INFORMATION FOR SEQ ID NO: 1:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 1868 base pairs
 CC TYPE: Nucleic acid
 CC STRANDEDNESS: Single
 CC TOPOLOGY: Linear
 CC MOLECULE TYPE: Nucleotide-genomic DNA
 CC HYPOTHETICAL: No. 5691197 relevant
 CC ANTI-SENSE: No. 5691197 relevant
 SQ SEQUENCE 1868 BP; 524 A; 433 C; 576 G; 335 T; 0 OTHER.

Query Match 42.7%; Score 666; DB 1; Length 1868;
 Best Local Similarity 75.1%; Pred. No. 0.00e+00;
 Matches 1110; Conservative 0; Mismatches 354; Indels 15; Gaps 6;

Db 247 ATGGAGACCTTCGAAATCAATGATCCAGTGCCAAAGAAGAGAAATGGGGGACCTTCTGC 306
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 Qy 76 ATGGAGCCTTCGAAATCAATGTCCTCAAAGCCAAGAGGAGAAATGGGTGAACCTCTCC 135
 ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 307 ATGGCAGTCATGCCATCACCTGTACCTGTCACGGCAGGTACTGCACGTGCTGATT 366
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 Qy 136 CTAGCTGTGGTGTATCACCTGATCCCTGTCACCGCTGGCGCTGGCTGGTGTGGCTC 195
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 Db 367 CAAGTTCTCAATCTGCAGGAGCAGCTCCAGATGCTAGAGATGTGCTGTGCAATGGATCA 426
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 Qy 196 CAAGTTCTGAATCTGCAGGGCGGCTCCGGTCTGGAGATGTATTCCTCAATGACACT 255
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 Db 427 CTAGCTATCGAGGACAAGCCCTCTCTC---GCTGAGTGGGAC---CCAAAACA-CAC 480
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 Qy 256 CTGGCGGCTGAGGACAGCCCGTCTCTCTCTGCTGCACTCAGCACACCCCTGGAAACAC 315
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 Db 481 CTGGTACCTAGAGCACAGGGGCTCAAGCCCTCCAGGCCAGCTCACCTGGTCCATACC 540
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 Qy 316 CTGGCTCAGGTGCATCGAGGCTGCAAGTCTGCAGGCCAACCTCACCTGGTCCGGCTC 375
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 Db 541 AGCCAGGAGCAACTCGTCAGCAGTTCAACAACCTCACTCAAATCCAGAGTTGTCAG 600
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 Qy 376 AGCCATGAGCACTTGTGCGAGGGTAGACAACCTCACTCAGAACCCAGGGATGTCAGA 435
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 Db 601 ATTAAAGGTGAAAGGGCTCTCCAGGT--CAA----AAGGGGCCCCGGGTCT-CCT 651
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 Qy 436 ATCAAAGGTGAAAGGGCCCAAGGTCTCAAGGTACAAGGGGGCATGGGATGCC 495
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 Db 652 GGAATCCCCGGCTGCTGGCCAGCTGCTGAGAAGGGAGAAAGGGGCTGCAAGGTCTG 711
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 Qy 496 GTGCCCTGCCCCCGGGACACCTGCTGAGAAGGGAGCCAAAGGGGCTATGGACGA 555
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 Db 712 GATGGAAACCCAGGTGCTCAAGGACCCCAGGGCCACCAAGGGCAGCAAGGGAGGGCAGG 771
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 Qy 556 GATGGAGCAACAGGCCCTCGGGACCCAAAGGCCAACCGGGAGTCAGGGAGGGCC 615
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 Db 772 CTCCAGGGACTTACGGGTGACCCAGGGAGCAAGGAACTGGTGTCCAGGACCTCGA 831
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 Qy 616 CTCCAAGGACCCCAGGGTCTCCAGGGAGCAAGGAGCCACTGGCACCCAGGACCCAA 675
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 Db 832 GGAGAGAAGGGCAGCAAAGGTGACATAGGTCTACTGGCCCAAAGGGGACATGGCACC 891
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 Qy 676 GGAGAGAAGGGCAGCAAAGGCATGGGGTCTATGGCCCAAAGGGGAAACTGGAAC 735
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 Db 892 AAGGGAGACAAGGGGACTTAGGCCCTCCAGGAACAAAGGGGACATGGCATGAAGGG 951
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 Qy 736 AAGGGAGAGAAAGGGAGACCTGGTCTCCAGGAAGCAAAGGGGACAGGGCATGAAGGA 795
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 Db 952 GACACGGGCCATGGGTCGGCTCAGGGAGGTTAAGGTGATGTCGGAAAACCA 1011
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 Qy 796 GATGCAGGGTCTGGGCTCTGGAGGCCAGGGAGTAAAGGTGACTTCGGGAGGCCA 855
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 Db 1012 GGCCCTACCAGGTTGGCTGGATCTCCAGGACTAAAGGTGACCAAGGAAAACCTGGAGTG 1071
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 Db 1072 CAGGGTGTCCAGGCCCTCAAGGTGACCCAGGACTTCAAGGTGCCAAGGGTGAGCCAGGA 1131
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Qy 916 CAGGGTGTCCGGGCCCTCTGGTCAAGTGGACACCCAGGTGCAAGGGTGAGCCTGGC 975
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 Db 1132 CGCACTGGCTCTCTGGGCCAGCAGGACCCCCGGAAATGCTGGAAATCCAGGATTGCA 1191
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 Qy 976 AGTGCCTGGCTCCCTGGCGAGCAGGACTTCAGGGAGCCCCGGAGTCAGGCCACA 1035
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 Db 1192 GGTGTAAAGGAAGCAAGGGTACACAGGAATCAAGGACAGAAAGGCACAAAGGAGAA 1251
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 Qy 1036 GGCGCTGAAAGGAAGCAAGGGGACACAGGACTTCAGGACAGCAAGGAAGAAAGGGAGA 1095
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 Db 1252 TCAGGAGTCCAGGTCTTGAGGCAGAAAGGGAGACACTGGAAGCCCTGGCTGGCAGGT 1311
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 Qy 1096 TCAGGAGTCCAGGCCCTGCAGGTGTAAGGGAGAACAGGGAGCCAGGCCAGGT 1155
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 Db 1312 CCCAAGGAGAACCTGGACGAGTCGGTCAGAAGGGAGACCCGGGATGAAAGGTCTCT 1371
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 Qy 1156 CCCAAGGAGGCCCTGGACAAGCTGGCAGAAGGGAGACCCAGGGAGTGAAGGATCTCT 1215
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 Db 1372 GGCGCAAGGACAAAAGGGAGAAAAGGGTCAAAAGGCAATCTTCAACGGCTCG 1431
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 Qy 1216 GGGGAGCAAGGATAAAGGGAGAAAAGGTGAAAGGAGTGAACACTAGTGTCCGTCA 1275
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 Db 1432 ATCATGGGTGGCACCAACAGAGGCCAGCTGAAAGTTACTATAACATGAGTGGGGACA 1491
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 Qy 1276 ATTGTGGCAGTAGTAACCGAGGCCGGCTGAAGTTACTACAGTGGTACCTGGGGACA 1335
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 Db 1492 ATTGTGATGATGATTGGATAATAATGATGCGACTGTCTCTGTCATGCTCGGTAC 1551
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 Qy 1336 ATTTCGATGACGAGTGGCAAATTCTGATGCCATTGCTCTGCGCATGCTGGTTAC 1395
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 Db 1552 TCCAGGGAGAGCACTAGCAGCTATGGAGTGGCTCTGGAACATCTGGCTGGACAAT 1611
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 Qy 1396 TCCAAGGAAGGCCCTGTACAAAGTGGGACTGGCACTGGCAGAICTGGCTGGATAAT 1455
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 Db 1612 GTGAATTGCGGGCACAGAGAACAGTTGTGGACTGCGAGTAAGAACCTGGGCAAT 1671
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 Qy 1456 GTTCAGTGTGGGACCGGAGACTACCTGTGGAGTGCACCAAGAATGCTGGGCAAT 1515
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 Db 1672 CACAATTGGCTACATAATGAAGATGCGGGTGTGGAAATGC 1710
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 Qy 1516 CATGACTGCAGGCCACGGAGGAGCAGCGCAGGGTGGAGTGC 1554
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RESULT 2
 ID US-08-232-463-14 STANDARD; DNA; UNC; 7218 BP.
 AC XXXXX
 DT
 DE Sequence 14, Application US/08232463
 CC Sequence 14, Application US/08232463
 CC Patent No. 5670367
 CC GENERAL INFORMATION:
 CC APPLICANT: DORNER, F.
 CC APPLICANT: SCHEIFLINGER, F.
 CC APPLICANT: FALKNER, F. G.
 CC TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
 CC NUMBER OF SEQUENCES: 52
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: Foley & Lardner
 CC STREET: 1800 Diagonal Road, Suite 500
 CC CITY: Alexandria
 CC STATE: VA
 CC COUNTRY: USA
 CC ZIP: 22313-0299
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Floppy disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: PatentIn Release #1.0, Version #1.25
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/232,463
 CC FILING DATE:
 CC CLASSIFICATION: 435

CC SOFTWARE: PatentIn Release #1.0, Version #1.30
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: PCT/US96/08081
CC FILING DATE:
CC CLASSIFICATION:
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Jervis, Herbert H.
CC REGISTRATION NUMBER: 31,171
CC REFERENCE/DOCKET NUMBER: P50338
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (610) 270-5019
CC TELEFAX: (610) 270-5090
CC INFORMATION FOR SEQ ID NO: 3:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 1367 base pairs
CC TYPE: nucleic acid
CC STRANDEDNESS: double
CC TOPOLOGY: not relevant
CC MOLECULE TYPE: cDNA to mRNA
CC FEATURE:
CC NAME/KEY: CDS
CC LOCATION: 67..1143
SQ SEQUENCE 1367 BP; 427 A; 298 C; 303 G; 339 T; 0 OTHER

Query Match 2.4%; Score 37; DB 2; Length 1367;
 Best Local Similarity 60.3%; Pred. No. 1.72e-08;
 Matches 108; Conservative 0; Mismatches 71; Indels 0; Gaps 0;

RESULT 5
ID US-08-453-117-3 STANDARD; DNA; UNC; 1367 BP.
AC xxxxxx

AC XXXXXX
DT
DE Sequence 3, Application US/08453117
CC Sequence 3, Application US/08453117
CC Patent No. 5683903
CC GENERAL INFORMATION:
CC APPLICANT: Lysko, Paul G.
CC APPLICANT: Elshourbagy, Nabil A.
CC APPLICANT: Brawner, Mary E.
CC TITLE OF INVENTION: Attachment Enhanced 293 Cells
CC NUMBER OF SEQUENCES: 4
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: SmithKline Beecham - Corporate Patents
CC ADDRESSEE: U.S.
CC STREET: Mailcode - UW2220, 709 Swedeland Road
CC CITY: King of Prussia
CC STATE: Pennsylvania
CC COUNTRY: U.S.A.
CC ZIP: 19406-5090
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.30
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08453,117
CC FILING DATE:
CC CLASSIFICATION: 435
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Jervis, Herbert H.

CC REGISTRATION NUMBER: 31,171
CC REFERENCE/DOCKET NUMBER: SBC-P50338
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (610) 270-5019
CC TELEFAX: (610) 270-5090
CC INFORMATION FOR SEQ ID NO: 3:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 1367 base pairs
CC TYPE: nucleic acid
CC STRANDEDNESS: double
CC TOPOLOGY: not relevant
CC MOLECULE TYPE: cDNA to mRNA
CC FEATURE:
CC NAME/KEY: CDS
CC LOCATION: 67..1143
SQ SEQUENCE 1367 BP; 427 A; 298 C; 303 G; 339 T; 0 OTHER.

Query Match	2.4%	Score 37;	DB 1;	Length 1367;
Best Local Similarity	60.3%	Pred. No.	1.72e-08;	
Matches	108;	Conservative	0;	Mismatches 71; Indels 0; Gaps 0;
Db	898	CCGGGTGAAAAAGGAGATCGAGGTCCTTCACTGGAGAAAGTGGTCCACGAGGATTCCAGGT	957	
Qy	880	CCTGGAGCTAAGGAGATCAAGGACAACCTGGACTGCAGGGTGTCCGGCCCTCTGGT	939	
Db	958	CCAATAGGTCTCCGGTCTAAAGGTGATCGGGAGCAATTGGCTTCTGGAAAGTCGA	1017	
Qy	940	GCAGTGGGACCCCAGGTGCCAAGGGTGAGCCTGGCAGTGCCTGGCTCCCTGGGGAGCA	999	
Db	1018	GGACTCCAGGATATGCCGGAGGCCAGGAAATTCTGGACAAAAGGCCAGAAAGGGGA	1076	
Qy	1000	GGACTTCAGGGAGCCCCGGAGTCCAGGACACAGGGCTAAAGGAAGCAAAAGGGGA	1058	

RESULT 6
ID PCT-US96-01427-1 STANDARD: DNA: UNC: 1839 BP.

AC XXXXX
DT
DE Sequence 1, Application PC/TUS9601427
CC Sequence 1, Application PC/TUS9601427
CC GENERAL INFORMATION:
CC APPLICANT: Greene, Mark I.
CC APPLICANT: Davis, James G.
CC TITLE OF INVENTION: Saccular collagen and Compositions and
CC TITLE OF INVENTION: Methods for Making and Using the Same
CC NUMBER OF SEQUENCES: 2
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris
CC STREET: One Liberty Place, 46th floor
CC CITY: Philadelphia
CC STATE: PA
CC COUNTRY: USA
CC ZIP: 19103
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: Wordperfect 5.1
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: PCT/US96/01427
CC FILING DATE:
CC CLASSIFICATION:
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 08/383,744
CC FILING DATE: 02-FEB-1995
CC CLASSIFICATION:
CC ATTORNEY/AGENT INFORMATION:
CC NAME: DeLuca, Mark
CC REGISTRATION NUMBER: 33,229
CC REFERENCE/DOCKET NUMBER: UPN-2653
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 215-568-3100
CC TELEFAX: 215-568-3439

Matches 108; Conservative 0; Mismatches 71; Indels 0; Gaps 0;

Db 878 CCGGGTAAAAAGGAGATCGAGGTCCACTGGAGAAACTGGTCCACGGAGATTCCAGGT 937
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 Qy 880 CCTGGAGCTAACAGGAGATCAAGGACAACCTGGACTGCAGGGTGTCCGGGCCCTCTGGT 939

Db 938 CCAATAGGTCTCCGGTCTAAAGGTATGGGAGCAATTGGCTTCCTGGAAGTCGA 997
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 Qy 940 GCAGTGGGACACCAGGTGCCAAGGGTGAGCCTGGCAGTGCAGGGTGTCCGGGCCCTCTGGT 999

Db 998 GGACTCCCAGGATATGCCGAAGGCCAGGAATTCTGACCAAAGGCCAGAAAGGGGA 1056
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 Qy 1000 GGACTTCCAGGGAGCCCCGGAGTCCAGGAGCACAGGCTGAAAGGAAGCAAAGGGGA 1058

RESULT 9
 ID US-08-154-365-1 STANDARD; DNA; UNC; 2037 BP.

AC XXXXXX

DT
 DE Sequence 1, Application US/08154365
 CC Sequence 1, Application US/08154365
 CC Patent No. 5624904
 CC GENERAL INFORMATION:
 CC APPLICANT: Dunne, Dana W.
 CC APPLICANT: Resnick, David
 CC APPLICANT: Kreiger, Monty
 CC APPLICANT: Joiner, Keith A.
 CC TITLE OF INVENTION: Method for Treating Gram-Positive
 CC TITLE OF INVENTION: Septicemia
 CC NUMBER OF SEQUENCES: 2
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: Patrea L. Pabst
 CC STREET: 1100 Peachtree Street, Suite 2800
 CC CITY: Atlanta
 CC STATE: Ga
 CC COUNTRY: USA
 CC ZIP: 30309-4530
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Floppy disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: PatentIn Release #1.0, Version #1.25

CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/154,365

CC FILING DATE:

CC CLASSIFICATION: 514

CC ATTORNEY/AGENT INFORMATION:

CC NAME: Pabst, Patrea L.
 CC REGISTRATION NUMBER: 31,284
 CC REFERENCE/DOCKET NUMBER: MIT6392

CC TELECOMMUNICATION INFORMATION:

CC TELEPHONE: (404)-815-6508

CC TELEFAX: (404)-815-6555

CC INFORMATION FOR SEQ ID NO: 1:

CC SEQUENCE CHARACTERISTICS:

CC LENGTH: 2037 base pairs

CC TYPE: nucleic acid

CC STRANDEDNESS: single

CC TOPOLOGY: linear

CC MOLECULE TYPE: cDNA

CC HYPOTHETICAL: NO

CC ANTI-SENSE: NO

CC ORIGINAL SOURCE:

CC ORGANISM: homo sapien

CC IMMEDIATE SOURCE:

CC LIBRARY: THP-1

CC PUBLICATION INFORMATION:

CC AUTHORS: Ashkenas, et al.

CC JOURNAL: J. Lipid Res.

CC VOLUME: 34

CC PAGES: 983-1000

CC DATE: 1993

CC RELEVANT RESIDUES IN SEQ ID NO: 1: FROM 1 TO 2037

SQ SEQUENCE 2037 BP; 656 A; 371 C; 435 G; 575 T; 0 OTHER.

Query Match 2.4%; Score 37; DB 1; Length 2037;
 Best Local Similarity 60.3%; Pred. No. 1.72e-08;
 Matches 108; Conservative 0; Mismatches 71; Indels 0; Gaps 0;

Db 878 CCGGGTAAAAAGGAGATCGAGGTCCACTGGAGAAACTGGTCCACGGAGATTCCAGGT 937
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 Qy 880 CCTGGAGCTAACAGGAGATCAAGGACAACCTGGACTGCAGGGTGTCCGGGCCCTCTGGT 939

Db 938 CCAATAGGTCTCCGGTCTAAAGGTATGGGAGCAATTGGCTTCCTGGAAGTCGA 997
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 Qy 940 GCAGTGGGACACCAGGTGCCAAGGGTGAGCCTGGCAGTGCAGGGTGTCCGGGCCCTCTGGT 999

Db 998 GGACTCCCAGGATATGCCGAAGGCCAGGAATTCTGACCAAAGGCCAGAAAGGGGA 1056
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 Qy 1000 GGACTTCCAGGGAGCCCCGGAGTCCAGGAGCACAGGCTGAAAGGAAGCAAAGGGGA 1058

RESULT 10

ID 5510466-3 STANDARD; DNA; UNC; 1720 BP.

AC XXXXXX

DT 01-JAN-1900

DE Patent No. 5510466.

CC Patent No. 5510466

CC APPLICANT: KREIGER, MONTY; KODAMA, TATSUHIKO

CC TITLE OF INVENTION: SCAVENGER RECEPTOR PROTEIN AND ANTIBODY

CC THEREETO

CC NUMBER OF SEQUENCES: 12

CC CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: US/08/307,400

CC FILING DATE: 16-SEP-1994

CC PRIOR APPLICATION DATA:

CC APPLICATION NUMBER: 997,113

CC FILING DATE: 24-DEC-1992

CC APPLICATION NUMBER: 391,486

CC FILING DATE: 09-AUG-1989

CC APPLICATION NUMBER: 272,002

CC FILING DATE: 15-NOV-1988

CC SEQ ID NO:3

CC LENGTH: 1588

SQ Sequence 1720 BP; 506 A; 304 C; 367 G; 411 T; 132 other;

Query Match 2.3%; Score 36; DB 3; Length 1588;
 Best Local Similarity 59.8%; Pred. No. 6.57e-08;
 Matches 110; Conservative 0; Mismatches 74; Indels 0; Gaps 0;

Db 824 CTGGACCTCCAGGTAAAAAGGAGATAGGGCCCTCTGGACAAAATGGTATACCAAGCT 883
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 Qy 872 CTGGTTTCTCTGGAGCTAACAGGAGATCAAGGACAACCTGGACTGCAGGGTGTCCGGCC 931

Db 884 TTCCAGGTCTAAAGGTACTCCAGGTCTAAAGGTATCGGGGATCTCTGGTTTACCTG 943
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 Qy 932 CTCTCTGGTCAAGGGACACCCAGGTGCCAAGGGTGAGCCTGGCAGTGCCTGGCTCCCTG 991

Db 944 GAGTTCGAGGATTCCCAAGGACCAATGGGAAGACCGGGAAAGCCAGGACTTAATGGACAA 1003
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 Qy 992 GGCGAGCAGGACTTCAGGGAGCCCCGGAGTCCAGGAGGCCACAGGCTGAAAGGAAGCA 1051

Db 1004 AAGG 1007
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Qy 1052 AAGG 1055

RESULT 11

ID US-08-167-939A-5 STANDARD; DNA; UNC; 1196 BP.

AC XXXXXX

DT

DE Sequence 5, Application US/08167939A

CC Sequence 5, Application US/08167939A

CC Patent No. 5578703

CC GENERAL INFORMATION:

CC APPLICANT: Ichijo, Hidenori; Miyazono, Kohei;

CC APPLICANT: R nnstrand, Lars; Hellman, Ulf; Wernstedt, Christer;
CC APPLICANT: Heldin, Carl-Henrik
CC TITLE OF INVENTION: Substantially Pure Receptor-Like
CC TITLE OF INVENTION: TGF- α 1 Binding Molecules And Uses Thereof
CC NUMBER OF SEQUENCES: 14
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Felfe & Lynch
CC STREET: 805 Third Avenue
CC CITY: New York City
CC STATE: New York
CC COUNTRY: USA
CC ZIP: 10022
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
CC COMPUTER: IBM
CC OPERATING SYSTEM: PC-DOS
CC SOFTWARE: Wordperfect
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/167,939A
CC FILING DATE: 22-APRIL-1994
CC CLASSIFICATION: 530
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: PCT/US92/05199
CC FILING DATE: 18-JUNE-1992
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Hanson, No. 5578703man D.
CC REGISTRATION NUMBER: 30,946
CC REFERENCE/DOCKET NUMBER: LUD 5259.1
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (212) 688-9200
CC TELEFAX: (212) 838-3884
CC INFORMATION FOR SEQ ID NO: 5:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 1196 base pairs
CC TYPE: nucleic acid
CC STRANDEDNESS: single
CC TOPOLOGY: linear
SO SEQUENCE 1196 BP: 257 A: 363 C: 387 G: 189 T: 0 OTHER

```

Query Match          2.28; Score 35; DB 1; Length 1196;
Best Local Similarity 61.0%; Pred. No. 2.48e-07;
Matches 97; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

b 147 AGCGCTCCCCGGGCTCCCTGGAGCCGCAGGCCAAGGGAGGCCGGCCCCAGTGGACC 206
||| ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
y 567 AGGCCCTCGGGACCCAAAGGCCAACCGGAGTCAAAGGGAGAGGCCGCTCAAGGACC 626

b 207 GAAGGGAGGACAAGGCCCTCCGGAGCCCCCTGGGAGGCCAGGACCCCCGGCCCAAAGG 266
||| ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
y 627 CCAGGGTGTCTCAGGGAAAGCAAGGGAGCCACTGGCACCCAGGACCCAAAGGAGAGGAAGGG 686

b 267 AGACCGAGGGGAGAAGGGCAGCCTGGACCAAAAGGAGA 305
| | | | | | | | | | | | | | | | | | | | | | | | | |
y 687 CAGCAAAGGCATGGGGTCTATTGGCCCAAAAGGGGA 725

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RESULT 12
ID 5510466-1 STANDARD; DNA; UNC; 1957 BP.
AC XXXXXX
DT 01-JAN-1900
DE Patent No. 5510466.
CC Patent No. 5510466
CC APPLICANT: KREIGER, MONTY; KODAMA, TATSUHIKO
CC TITLE OF INVENTION: SCAVENGER RECEPTOR PROTEIN AND ANTIBODY
CC THERETO
CC NUMBER OF SEQUENCES: 12
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/307,400
CC FILING DATE: 16-SEP-1994
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: 997,113
CC FILING DATE: 24-DEC-1992
CC APPLICATION NUMBER: 391,486

CC FILING DATE: 09-AUG-1989
 CC APPLICATION NUMBER: 272,002
 CC FILING DATE: 15-NOV-1988
 CC SEQ ID NO:1:
 CC LENGTH: 1807
 SQ Sequence 1957 BP; 556 A; 384 C; 406 G; 461 T; 150 other;

 Query Match 2.2%; Score 35; DB 3; Length 1807;
 Best Local Similarity 62.6%; Pred. No. 2.48e-07;
 Matches 87; Conservative 0; Mismatches 52; Indels 0; Gaps 0;

 Db 856 CTGGACCTCCAGGTGAAAAAGGAGATAGAGGCCCTCCTGGACAAAATGGTATACCAGGCT 915
 ||||| |||| | ||||| |||| | ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Qy 872 CTGGTTTCCTGGAGCTAAAGGAGATCAAGGACAACCTGGACTCGCAGGTGTCCGGGC 931

 Db 916 TTCCAGGTCTAATAGGTACTCCAGGTCTAAAGGTGATCGGGGATCTCTGGTTACCTG 975
 ||||| |||| | ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Qy 932 CTCTGGTCAGTGGACACCCAGGTGCAAGGGTGACCTGGCAGTGTGGCTCCCTG 991

 Db 976 GAGTCGAGGATTCCCAGG 994
 | ||||| |||||
 Qy 992 GGCGAGCAGGACTTCAGG 1010

RESULT 13
ID US-07-972-032-80 STANDARD; DNA; UNC; 186 BP.
AC XXXXXX
DT
DE Sequence 80, Application US/07972032
CC Sequence 80, Application US/07972032
CC Patent No. 5496712
CC GENERAL INFORMATION:
CC APPLICANT: Cappello, Joseph
CC APPLICANT: Ferrari, Franco A.
CC TITLE OF INVENTION: HIGH MOLECULAR WEIGHT COLLAGEN-LIKE
CC TITLE OF INVENTION: PROTEIN POLYMERS
CC NUMBER OF SEQUENCES: 85
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Bertram I. Rowland
CC STREET: 4 Embarcadero Center, Suite 3400
CC CITY: San Francisco
CC STATE: California
CC COUNTRY: USA
CC ZIP: CA 94111
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.25
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/07/972,032
CC FILING DATE: 19921105
CC CLASSIFICATION: 435
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US/07/791,960
CC FILING DATE: 12-NOV-1991
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Rowland, Bertram I.
CC REGISTRATION NUMBER: 20,015
CC REFERENCE/DOCKET NUMBER: A-55556-1/BIR;PROP-08-1
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (415) 781-1989
CC TELEFAX: (415) 398-3249
CC INFORMATION FOR SEQ ID NO: 80:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 186 base pairs
CC TYPE: NUCLEIC ACID
CC STRANDEDNESS: double
CC TOPOLOGY: linear
CC MOLECULE TYPE: cDNA
CC FEATURE:
CC NAME/KEY: CDS
CC LOCATION: 1..180

CC LIBRARY: Bovine lens cDNA
CC CLONE: KMC15
CC POSITION IN GENOME: No. 5424408 known
CC CHROMOSOME SEGMENT: No. 5424408 known
CC PUBLICATION INFORMATION: No. 5424408e
SQ SEQUENCE 1416 BP; 374 A; 365 C; 393 G; 284 T; 0 OTHER.

Query Match 2.1%; Score 32; DB 1; Length 1416;
Best Local Similarity 61.0%; Pred. No. 1.24e-05;
Matches 89; Conservative 0; Mismatches 57; Indels 0; Gaps 0;

Db 472 GGAAGCCCAGGCCACCTGGTTCAGCTGGAGAACCGGGATGCAAGGAGAACCGGGCCC 531
|| ||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

Qy 847 GGGAGGCCAGGCCACCAGGTTGGCTGGTTCTGGAGCTAAAGGAGATCAAGGACAA 906

Db 532 CCAGGACCACCCAGGAGATCCAGGACCCCTGTGGGCCAAAAGGTAAACCAGGGAGGATGGT 591
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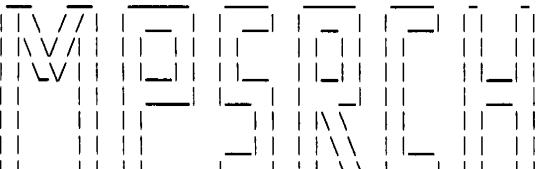
Qy 907 CCTGGACTGCAGGGTGTCCGGCCCTCTGGTGAGTGGACACCCAGGTGCCAAGGGT 966

Db 592 CCACCCAGGAACCTCTGGACCAACTGG 617
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Qy 967 GAGCCTGGCAGTGCTGGCTCCCCCTGG 992

Search completed: Fri Sep 11 06:59:56 1998

Job time : 138 secs.


 (TM)

Release 3.1A John F. Collins, Biocomputing Research Unit.

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MPSrch_nn n.a. - n.a. database search, using Smith-Waterman algorithm

Run on: Fri Sep 11 07:00:14 1998; MasPar time 1122.70 Seconds
 1310.169 Million cell updates/sec

Tabular output not generated.

Title: >US-08-794-795-5

Description: (1-1560) from US08794795.seq

Perfect Score: 1560

N.A. Sequence: 1 ATGAGAAATAAGAAAATTCT.....CAGGCCTGGAGTGCAGCGTC 1560

Comp: TACTCTTATCTCTTTAAGA.....GTCCGCACCTCACGTCGAG

Scoring table: TABLE default
 Gap 6

Nmatch STD : Dbase 0; Query 0

Searched: 1460335 seqs, 471452172 bases x 2

Post-processing: Minimum Match 0%
 Listing first 45 summaries

Database: n-pending
 1:P9 2:U6000 3:U6001 4:U6002 5:U6003 6:U6004 7:U6005
 8:U6006 9:U6007 10:U6008 11:U7 12:U80 13:U81 14:U82
 15:U83 16:U84A 17:U84B 18:U85 19:U86 20:U87 21:U88
 22:U89 23:U90A 24:U90B 25:U91 26:NEWP 27:NEWU8 28:NEWU9

Statistics: Mean 10.635; Variance 4.217; scale 2.522

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result	Query	No.	Score	Match	Length	DB	ID	Description	Pred. No.
1	1560	100.0	1560	20	US-08-794-	Sequence 5, Applicatio	0.00e+00		
2	1558	99.9	1835	22	US-08-934-	Sequence 2, Applicatio	0.00e+00		
3	1523	97.6	1703	20	US-08-794-	Sequence 1, Applicatio	0.00e+00		
4	1023	65.6	1323	23	US-09-023-	Sequence 813, Applicat	0.00e+00		
5	742	47.6	775	21	US-08-837-	Sequence 1335, Applica	0.00e+00		
6	666	42.7	1868	21	US-08-893-	Sequence 1, Applicatio	0.00e+00		
7	309	19.8	311	24	US-09-057-	Sequence 358, Applicat	2.32e-284		
8	269	17.2	269	21	US-08-801-	Sequence 148, Applicat	4.20e-242		
9	252	16.2	252	5	US-60-039-	Sequence 1236, Applica	3.24e-224		
10	250	16.0	250	21	US-08-808-	Sequence 5073, Applica	4.10e-222		
11	247	15.8	251	20	US-08-770-	Sequence 3424, Applica	5.79e-219		
12	242	15.5	246	23	US-09-016-	Sequence 839, Applicat	1.02e-213		
13	241	15.4	241	7	US-60-051-	Sequence 163, Applicat	1.15e-212		
14	239	15.3	242	21	US-08-810-	Sequence 2282, Applica	1.43e-210		
15	228	14.6	228	20	US-08-770-	Sequence 3302, Applica	4.75e-199		
16	218	14.0	218	20	US-08-770-	Sequence 164, Applicat	1.34e-188		
17	218	14.0	218	2	US-60-009-	Sequence 164, Applicat	1.34e-188		

18	216	13.8	218	4	US-60-023-	Sequence 1670, Applica	1.64e-186
19	215	13.8	220	16	US-08-413-	Sequence 265, Applicat	1.81e-185
20	206	13.2	207	4	US-60-020-	Sequence 1145, Applica	4.32e-176
21	199	12.8	211	20	US-08-770-	Sequence 93, Applicati	8.23e-169
22	199	12.8	211	2	US-60-009-	Sequence 93, Applicati	8.23e-169
23	197	12.6	219	20	US-08-770-	Sequence 4015, Applica	9.84e-167
24	192	12.3	294	20	US-08-770-	Sequence 4110, Applica	1.52e-161
25	190	12.2	203	20	US-08-770-	Sequence 4448, Applica	1.80e-159
26	188	12.1	203	16	US-08-412-	Sequence 1358, Applica	2.12e-157
27	186	11.9	239	21	US-08-803-	Sequence 5482, Applica	2.50e-155
28	185	11.9	243	23	US-09-016-	Sequence 889, Applicat	2.71e-154
29	183	11.7	220	21	US-08-801-	Sequence 1564, Applica	3.17e-152
30	179	11.5	226	4	US-60-023-	Sequence 1927, Applica	4.32e-148
31	171	11.0	207	22	US-08-951-	Sequence 793, Applicat	7.68e-140
32	165	10.6	222	3	US-60-010-	Sequence 515, Applicat	1.14e-133
33	165	10.6	222	21	US-08-801-	Sequence 2393, Applica	1.14e-133
34	159	10.2	590	21	US-08-837-	Sequence 915, Applicat	1.64e-127
35	146	9.4	218	4	US-60-025-	Sequence 260, Applicat	3.15e-114
36	146	9.4	218	22	US-08-903-	Sequence 2238, Applica	3.15e-114
37	147	9.4	227	16	US-08-420-	Sequence 523, Applicat	3.02e-115
38	136	8.7	186	4	US-60-023-	Sequence 396, Applicat	4.55e-104
c 39	133	8.5	7218	17	US-08-466-	Sequence 14, Applicati	4.94e-101
40	129	8.3	165	3	US-60-013-	Sequence 158, Applicat	5.42e-97
41	129	8.3	165	21	US-08-808-	Sequence 158, Applicat	5.42e-97
42	112	7.2	265	20	US-08-770-	Sequence 5209, Applica	5.94e-80
43	99	6.3	578	18	US-08-569-	Sequence 14, Applicati	4.30e-67
44	99	6.3	578	19	US-08-624-	Sequence 14, Applicati	4.30e-67
45	96	6.2	248	21	US-08-810-	Sequence 382, Applicat	3.77e-64

ALIGNMENTS

RESULT 1
 ID US-08-794-795-5 STANDARD; DNA; UNC; 1560 BP.

AC XXXXXX

DT

DE Sequence 5, Application US/08794795

CC Sequence 5, Application US/08794795

CC GENERAL INFORMATION:

CC APPLICANT: Elshourlagy, Nabil

CC APPLICANT: Adamou, John

CC APPLICANT: Gross, Mitchell

CC APPLICANT: Lysko, Paul

CC TITLE OF INVENTION: Human Macro Scavenger Rec

CC TITLE OF INVENTION: eptor

CC NUMBER OF SEQUENCES: 9

CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: SmithKline Beecham Corporation

CC STREET: 709 Swedeland Road

CC CITY: King of Prussia

CC STATE: PA

CC COUNTRY: USA

CC ZIP: 19406

CC COMPUTER READABLE FORM:

CC MEDIUM TYPE: Diskette

CC COMPUTER: IBM Compatible

CC OPERATING SYSTEM: DOS

CC SOFTWARE: FastSEQ for Windows Version 2.0

CC CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: US/08/794,795

CC FILING DATE: 04-FEB-1997

CC CLASSIFICATION: 435

CC PRIOR APPLICATION DATA:

CC APPLICATION NUMBER: ATG50009P

CC FILING DATE: 22-MAY-1996

CC ATTORNEY/AGENT INFORMATION:

CC NAME: Han, William T

CC REGISTRATION NUMBER: 34,344

CC REFERENCE/DOCKET NUMBER: ATG50009

CC TELECOMMUNICATION INFORMATION:

CC TELEPHONE: 610-270-5219

CC TELEFAX: 610-270-4026

CC TELEX:

02/09/97
 65/23/96

CC INFORMATION FOR SEQ ID NO: 5:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 1560 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: single
 CC TOPOLOGY: linear
 CC MOLECULE TYPE: cDNA
 SQ SEQUENCE 1560 BP; 389 A; 387 C; 533 G; 251 T; 0 OTHER.

Query Match 100.0%; Score 1560; DB 20; Length 1560;
 Best Local Similarity 100.0%; Pred. No. 0.0e+00;
 Matches 1560; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 ATGAGAAATAAGAAAATTCTCAAGGAGGACGAGCTTGTAGTGAGACCCAACAAGCTGCT 60
 Qy 1 ATGAGAAATAAGAAAATTCTCAAGGAGGACGACTTGTAGTGAGACCCAACAAGCTGCT 60
 Db 61 TTTCACCAAATTGCAATGGAGCCTTCGAATCAATGTTCAAAGGCCAAGAGGAGAAAT 120
 Qy 61 TTTCACCAAATTGCAATGGAGCCTTCGAATCAATGTTCAAAGGCCAAGAGGAGAAAT 120
 Db 121 GGGGTGAACCTTCCCTAGCTGTGGTCATCTACCTGCTCACCGCTGGCGCT 180
 Qy 121 GGGGTGAACCTTCCCTAGCTGTGGTCATCTACCTGCTCACCGCTGGCGCT 180
 Db 181 GGGCTGCTGGTGTCCAAGTTCTGAATCTGCAGGGCGCCCTCCGGGCTCTGGAGATGTAT 240
 Qy 181 GGGCTGCTGGTGTCCAAGTTCTGAATCTGCAGGGCGCCCTCCGGGCTCTGGAGATGTAT 240
 Db 241 TTCCCTCAATGACACTCTGGCGCTGAGGACAGCCCCCTCTCTGCTGAGTCAGCA 300
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 Db 301 CACCCCTGGAGAACACCTGGCTCAGGGTCATCGAGGCTGCAAGTCCTGCAAGCCCAC 360
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 Db 361 ACCCTGGCTCCGCTCAGCCATGAGCACTTGCTCAGGGTAGACAACCTCACTCAGAAC 420
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 Qy 421 CCAGGGATGTTCAAGAACAGGTGAAACAGGCCCAAGGTCTCAAGGTACAAGGG 480
 Db 481 GCCATGGCATGCCCTGGCCCCCGGGACACCTGCTGAGAAGGGAGCCAAG 540
 Qy 481 GCCATGGCATGCCCTGGCCCCCGGGACACCTGCTGAGAAGGGAGCCAAG 540
 Db 541 GGGCTATGGACGAGATGGGCAACAGGCCCTCGGGACCCCAAGGCCACCGGGAGTC 600
 Qy 541 GGGCTATGGACGAGATGGGCAACAGGCCCTCGGGACCCCAAGGCCACCGGGAGTC 600
 Db 601 AAGGGAGAGGGGGCTCCAAGGACCCAGGGTCTCAGGGAGCAAGGAGCCACTGGC 660
 Qy 601 AAGGGAGAGGGGGCTCCAAGGACCCAGGGTCTCAGGGAGCAAGGAGCCACTGGC 660
 Db 661 ACCCCAGGACCCAGGAGAGAAGGGCAGCAAGGCGATGGGGTCTCATGGCCAAA 720
 Qy 661 ACCCCAGGACCCAGGAGAGAAGGGCAGCAAGGCGATGGGGTCTCATGGCCAAA 720
 Db 721 GGGGAACTGAACTAAGGGAGAGAAGGGACCTGGCTCCAGGAAGCAAAGGGAC 780
 Qy 721 GGGGAACTGAACTAAGGGAGAGAAGGGACCTGGCTCCAGGAAGCAAAGGGAC 780
 Db 781 AGGGGATGAAAGGAGATGCAGGGTCTGGGGCTCTGGAGCCAGGGAGTAAGGT 840
 Qy 781 AGGGGATGAAAGGAGATGCAGGGTCTGGGGCTCTGGAGCCAGGGAGTAAGGT 840
 Db 841 GACTTCGGAGGCCAGGCCACCAAGGTTGGCTGGTTCTGGAGCTAAAGGAGATCAA 900
 Qy 841 GACTTCGGAGGCCAGGCCACCAAGGTTGGCTGGTTCTGGAGCTAAAGGAGATCAA 900

RESULT 2
 ID US-08-934-168-2 STANDARD; DNA; UNC; 1835 BP.
 AC XXXXXX

DT
 DE Sequence 2, Application US/08934168
 CC Sequence 2, Application US/08934168
 CC GENERAL INFORMATION:
 CC APPLICANT: Bandman, Olga
 CC APPLICANT: Lal, Preeti
 CC APPLICANT: Corley, Neil C.
 CC APPLICANT: Shah, Purvi
 CC TITLE OF INVENTION: HUMAN MARCO
 CC NUMBER OF SEQUENCES: 3
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: Incyte Pharmaceuticals, Inc.
 CC STREET: 3174 Porter Drive
 CC CITY: Palo Alto
 CC STATE: CA
 CC COUNTRY: USA
 CC ZIP: 94304
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Diskette
 CC COMPUTER: IBM Compatible
 CC OPERATING SYSTEM: DOS
 CC SOFTWARE: FastSEQ for Windows Version 2.0
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/934,168
 CC FILING DATE: Herewith

9/19/97

CC CLASSIFICATION: 435
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER:
 CC FILING DATE:
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: Billings, Lucy J.
 CC REGISTRATION NUMBER: 36,749
 CC REFERENCE/DOCKET NUMBER: PF-0392 US
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: 650-855-0555
 CC TELEFAX: 650-845-4166
 CC TELEX:
 CC INFORMATION FOR SEQ ID NO: 2:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 1835 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: single
 CC TOPOLOGY: linear
 CC IMMEDIATE SOURCE:
 CC LIBRARY: MMLR3DT01
 CC CLONE: 569648
 SQ SEQUENCE 1835 BP; 454 A; 451 C; 610 G; 320 T; 0 OTHER.

Query Match 99.9%; Score 1558; DB 22; Length 1835;
 Best Local Similarity 99.9%; Pred. No. 0.00e+00;
 Matches 1559; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 119 ATGAGAAAATAGAAAATCTCAAGGAGGACGAGCTCTGAGTGAGACCCAAACAAGCTGC 178
 |||||
 Qy 1 ATGAGAAAATAGAAAATCTCAAGGAGGACGAGCTCTGAGTGAGACCCAAACAAGCTGC 60
 |||||
 Db 179 TTTCACCAAATGCAATGGGCCCTTCGAATCAATGTTCCAAGGCCAAGAGGAGAAAT 238
 |||||
 Qy 61 TTTCACCAAATGCAATGGGCCCTTCGAATCAATGTTCCAAGGCCAAGAGGAGAAAT 120
 |||||
 Db 239 GGGGTGAACATTCTCCCTAGCTGTGTTGTCATCTACCTGATCTGCTCACCGCTGGCCT 298
 |||||
 Qy 121 GGGGTGAACATTCTCCCTAGCTGTGTTGTCATCTACCTGATCTGCTCACCGCTGGCCT 180
 |||||
 Db 299 GGGCTGCTGGTGTCAAGTTCTGAATCTGCAAGGGCGGCTCCGGGCTCTGGAGATGTAT 358
 |||||
 Qy 181 GGGCTGCTGGTGTCAAGTTCTGAATCTGCAAGGGCGGCTCCGGGCTCTGGAGATGTAT 240
 |||||
 Db 359 TTCCCAATGACACTCTGGCGCTGAGGACAGCCGCTCTCTGCTGAGTCAGCA 418
 |||||
 Qy 241 TTCCCAATGACACTCTGGCGCTGAGGACAGCCGCTCTCTGCTGAGTCAGCA 300
 |||||
 Db 419 CACCTGGAGAACACCTGGCTCAGGGTCATCGAGGCTCAAGTCTGCAAGGCCAACTC 478
 |||||
 Qy 301 CACCTGGAGAACACCTGGCTCAGGGTCATCGAGGCTCAAGTCTGCAAGGCCAACTC 360
 |||||
 Db 479 ACCTGGTCCGCTCAGGCATGAGCACTTGTGCAAGGGTAGACAACCTCACTCAGAAC 538
 |||||
 Qy 361 ACCTGGTCCGCTCAGGCATGAGCACTTGTGCAAGGGTAGACAACCTCACTCAGAAC 420
 |||||
 Db 539 CCAGGGATGTTCAAGATCAAAGGTGACAAGGCCCGCCAGGTCTCAAGGTACAAGGG 598
 |||||
 Qy 421 CCAGGGATGTTCAAGATCAAAGGTGACAAGGCCCGCCAGGTCTCAAGGTACAAGGG 480
 |||||
 Db 599 GCCATGGCATGGCTGGTGCCTGGCCCGGGACACCTGCTGAGAAGGGAGCCAAG 658
 |||||
 Qy 481 GCCATGGCATGGTGCCTGGCCCGGGACACCTGCTGAGAAGGGAGCCAAG 540
 |||||
 Db 659 GGGCTATGGACGAGATGGAGCAACAGGCCCTCGGGACCCAAAGGCCACCGGGAGTC 718
 |||||
 Qy 541 GGGCTATGGACGAGATGGAGCAACAGGCCCTCGGGACCCAAAGGCCACCGGGAGTC 600
 |||||
 Db 719 AAGGGAGAGGGGGCTCAAGGACCCCAGGGTCTCCAGGAAGCAAGGAGCCACTGGC 778
 |||||
 Qy 601 AAGGGAGAGGGGGCTCAAGGACCCCAGGGTCTCCAGGAAGCAAGGAGCCACTGGC 660
 |||||
 Db 779 ACCCCAGGACCCAAGGAGAGAAGGGCAGCAAAGGCCATGGGGTCTCATGGCCAAA 838
 |||||

Qy 661 ACCCCAGGACCCAAGGAGAGAAGGGCAGCAAAGGCCATGGGGTCTCATGGCCAAA 720
 |||||
 Db 839 GGGGAAACTGGAACTAAGGGAGAGAAAGGAGACCTGGGCTCCCAGGAAGCAAAGGG 898
 |||||
 Qy 721 GGGGAAACTGGAACTAAGGGAGAGAAAGGAGACCTGGGCTCCCAGGAAGCAAAGGG 780
 |||||
 Db 899 AGGGGATGAAAGGAGATGCAGGGGTCATGGGGCTCTGGAGGCCAGGGAGTAAAGGT 958
 |||||
 Qy 781 AGGGGATGAAAGGAGATGCAGGGGTCATGGGGCTCTGGAGGCCAGGGAGTAAAGGT 840
 |||||
 Db 959 GACTTCGGGAGGCTAGGCCACCAGGTTGGCTGGTTCTGGAGCTAAAGGAGATCAA 1018
 |||||
 Qy 841 GACTTCGGGAGGCCAGGCCACCAGGTTGGCTGGTTCTGGAGCTAAAGGAGATCAA 900
 |||||
 Db 1019 GGACAACCTGGACTGCAGGGTGTCCGGCCCTCTGGCAGTGGACACCCAGGTGCC 1078
 |||||
 Qy 901 GGACAACCTGGACTGCAGGGTGTCCGGCCCTCTGGCAGTGGACACCCAGGTGCC 960
 |||||
 Db 1079 AAGGGTGAGCCTGGCAGTGGCTCCGGTCCCCGGAGCAGGACTTCAAGGGAGCCCCGGG 1138
 |||||
 Qy 961 AAGGGTGAGCCTGGCAGTGGCTCCGGCAGCAGGACTTCAAGGGAGCCCCGGG 1020
 |||||
 Db 1139 AGTCCAGGAGGCCACAGGCCCTGAAAGGAAGCAAAGGGACACAGGACTTCAAGGACAGCAA 1198
 |||||
 Qy 1021 AGTCCAGGAGGCCACAGGCCCTGAAAGGAAGCAAAGGGACACAGGACTTCAAGGACAGCAA 1080
 |||||
 Db 1199 GGAAGAAAAGGAGAAATCAGGAGTTCCAGGCCCTCCAGGTGTGAAGGGAGAACAGGGAGC 1258
 |||||
 Qy 1081 GGAAGAAAAGGAGAAATCAGGAGTTCCAGGCCCTCCAGGTGTGAAGGGAGAACAGGGAGC 1140
 |||||
 Db 1259 CCAGGGCTGGCAGGTCCCAAGGGAGCCCTGGACAAGCTGGCCAGAAGGGAGACCAGGG 1318
 |||||
 Qy 1141 CCAGGGCTGGCAGGTCCCAAGGGAGCCCTGGACAAGCTGGCCAGAAGGGAGACCAGGG 1200
 |||||
 Db 1319 GTGAAAGGATCTCTGGGGAGCAAGGAGTAAAGGGAGAAAAGGTGAAAGGAGTAAAC 1378
 |||||
 Qy 1201 GTGAAAGGATCTCTGGGGAGCAAGGAGTAAAGGGAGAAAAGGTGAAAGGAGTAAAC 1260
 |||||
 Db 1379 TCAGTGTCCGTCAAGGATTGTGGCAGTAGTAACCGAGGCCGGCTGAAGTTACTACAGT 1438
 |||||
 Qy 1261 TCAGTGTCCGTCAAGGATTGTGGCAGTAGTAACCGAGGCCGGCTGAAGTTACTACAGT 1320
 |||||
 Db 1439 GGTACCTGGGGACAATTGGCATGACGAGTGGCAAATTCTGATGGCATTGTCTTCCTGC 1498
 |||||
 Qy 1321 GGTACCTGGGGACAATTGGCATGACGAGTGGCAAATTCTGATGGCATTGTCTTCCTGC 1380
 |||||
 Db 1499 CGCATGCTGGTTACTCCAAAGGAAGGCCCTGTACAAGTGGAGCTGGCAGTGGCAG 1558
 |||||
 Qy 1381 CGCATGCTGGTTACTCCAAAGGAAGGCCCTGTACAAGTGGAGCTGGCAGTGGCAG 1440
 |||||
 Db 1559 ATCTGGCTGGATAATGTCAGTGTGGGGCAGGGAGATACCTGTGGAGCTGCACCAAG 1618
 |||||
 Qy 1441 ATCTGGCTGGATAATGTCAGTGTGGGGCAGGGAGATACCTGTGGAGCTGCACCAAG 1500
 |||||
 Db 1619 AATAGCTGGGCCATCATGACTGCAGCCACGAGGAGACGCAGGGTGGAGTGCAGCCTC 1678
 |||||
 Qy 1501 AATAGCTGGGCCATCATGACTGCAGCCACGAGGAGACGCAGGGTGGAGTGCAGCCTC 1560

RESULT 3
 ID US-08-794-795-1 STANDARD; DNA; UNC; 1703 BP.
 AC XXXXXX
 DT
 DE Sequence 1, Application US/08794795
 CC Sequence 1, Application US/08794795
 CC GENERAL INFORMATION:
 CC APPLICANT: Elshourlagy, Nabil
 CC APPLICANT: Adamou, John
 CC APPLICANT: Gross, Mitchell
 CC APPLICANT: Lysko, Paul
 CC TITLE OF INVENTION: Human Macro Scavenger Rec
 CC TITLE OF INVENTION: eptor
 CC NUMBER OF SEQUENCES: 9

CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: SmithKline Beecham Corporation
 CC STREET: 709 Swedeland Road
 CC CITY: King of Prussia
 CC STATE: PA
 CC COUNTRY: USA
 CC ZIP: 19406
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Diskette
 CC COMPUTER: IBM Compatible
 CC OPERATING SYSTEM: DOS
 CC SOFTWARE: FastSEQ for Windows Version 2.0
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/794,795
 CC FILING DATE: 04-FEB-1997
 CC CLASSIFICATION: 435
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: ATG50009P
 CC FILING DATE: 22-MAY-1996
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: Han, William T
 CC REGISTRATION NUMBER: 34,344
 CC REFERENCE/DOCKET NUMBER: ATG50009
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: 610-270-5219
 CC TELEFAX: 610-270-4026
 CC TELEX:
 CC INFORMATION FOR SEQ ID NO: 1:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 1703 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: single
 CC TOPOLOGY: linear
 CC MOLECULE TYPE: cDNA
 SQ SEQUENCE 1703 BP; 437 A; 423 C; 567 G; 275 T; 1 OTHER.

Query Match 97.6%; Score 1523; DB 20; Length 1703;
 Best Local Similarity 99.9%; Pred. No. 0.00e+00;
 Matches 1530; Conservative 0; Mismatches 1; Indels 1; Gaps 1;

Db 4 ACAGAGCTCTTGAGTGAGACCAACAAGCTGCTTTACCAAATTGCAATGGAGCCTTCG 63
 |||||
 Qy 29 ACGAGCTCTTGAGTGAGACCAACAAGCTGCTTTACCAAATTGCAATGGAGCCTTCG 88
 |||||
 Db 64 AAATCAATGTTCAAAGCCAAGAGGAATGGGTGAACTTCTCCCTAGCTGTGGTGG 123
 |||||
 Qy 89 AAATCAATGTTCAAAGCCAAGAGGAATGGGTGAACTTCTCCCTAGCTGTGGTGG 148
 |||||
 Db 124 TCATCTACCTGATCCTGCTCACCGCTGGCGCTGGCTGCTGGTGGTCAAGTCTGAATC 183
 |||||
 Qy 149 TCATCTACCTGATCCTGCTCACCGCTGGCGCTGGCTGCTGGTGGTCAAGTCTGAATC 208
 |||||
 Db 184 TGCAGGCCGCCCTGGGTCTGGAGATGTATTCCTCAATGACACTCTGGCGCTGAGG 243
 |||||
 Qy 209 TGCAGGCCGCCCTGGGTCTGGAGATGTATTCCTCAATGACACTCTGGCGCTGAGG 268
 |||||
 Db 244 ACAGCCCGTCTCTCCTTGCTGCGAGTCAGCACACCCCTGGAGAACACCTGGCTCAGGGT 303
 |||||
 Qy 269 ACAGCCCGTCTCTCCTTGCTGCGAGTCAGCACACCCCTGGAGAACACCTGGCTCAGGGT 328
 |||||
 Db 304 CATCGAGGCTGCAAGTCTGCAAGGCCCAACTCACCTGGTCCCGTCACCCATGAGCACT 363
 |||||
 Qy 329 CATCGAGGCTGCAAGTCTGCAAGGCCCAACTCACCTGGTCCCGTCACCCATGAGCACT 388
 |||||
 Db 364 TGCTGCAGCGGGTAGACAACCTCACTCAGAACCCAGGGATGTTAGAATCAAAGGTGAAC 423
 |||||
 Qy 389 TGCTGCAGCGGGTAGACAACCTCACTCAGAACCCAGGGATGTTAGAATCAAAGGTGAAC 448
 |||||
 Db 424 AAGGCCGCCCTGGGTCTCAAGGTACAAGGGGCCATGGCATGCTGGTCCCTGGCC 483
 |||||
 Qy 449 AAGGCCGCCCTGGGTCTCAAGGTACAAGGGGCCATGGCATGCTGGTCCCTGGCC 508
 |||||
 Db 484 CGCGGGACCACCTGCTGAGAAGGGAGCAAGGGGCTATGGGACAGATGGAAACACAG 543

Qy 509 CGCCGGGACCACCTGCTGAGAAGGGAGCAAGGGGCTATGGGACAGATGGAGAACAG 568
 |||||
 Db 544 GCCCCCTCGGGACCCCAAGGCCAACCGGGAGTCAGGGAGAGGCCGGCCTCCAAGGACCC 603
 |||||
 Qy 569 GCCCCCTCGGGACCCCAAGGCCAACCGGGAGTCAGGGAGAGGCCGGCCTCCAAGGACCC 628
 |||||
 Db 604 AGGGTGTCTCCAGGGAGCAAGGAGCCACTGGCACCCCAGGACCCCAAGGAGAGAAGGGCA 663
 |||||
 Qy 629 AGGGTGTCTCCAGGGAGCAAGGAGCCACTGGCACCCCAGGACCCCAAGGAGAGAAGGGCA 688
 |||||
 Db 664 GCAAAGGGCATGGGGCTCTCATGGCCAAAAGGGAAACTGGAACTAAGGGAGAGAAG 723
 |||||
 Qy 689 GCAAAGGGCATGGGGCTCTCATGGCCAAAAGGGAAACTGGAACTAAGGGAGAGAAG 748
 |||||
 Db 724 GAGACCTGGTCTCCAGGAAGCAAAGGGACAGGGCATGAAAGGAGATGCAGGGTCA 783
 |||||
 Qy 749 GAGACCTGGTCTCCAGGAAGCAAAGGGACAGGGCATGAAAGGAGATGCAGGGTCA 808
 |||||
 Db 784 TGGGCTCTGGTCTGGAGCCAGGGAGTAAAGGTACTTCGGGAGGCCAGGGCACCAGGTT 843
 |||||
 Qy 809 TGGGCTCTGGTCTGGAGCCAGGGAGTAAAGGTACTTCGGGAGGCCAGGGCACCAGGTT 868
 |||||
 Db 844 TGGCTGGTTTCTGGAGCTAAAGGAGATCAAGGACAACCTGGACTGAGGGTGTCCGG 903
 |||||
 Qy 869 TGGCTGGTTTCTGGAGCTAAAGGAGATCAAGGACAACCTGGACTGAGGGTGTCCGG 928
 |||||
 Db 904 GCCCTCTGGTGCAGTGGACACCCAGGTCGCAAGGGTGAAGCTGGCAGTGTGGCTCC 963
 |||||
 Qy 929 GCCCTCTGGTGCAGTGGACACCCAGGTCGCAAGGGTGAAGCTGGCAGTGTGGCTCC 988
 |||||
 Db 964 CTGGGCCAGCAGGACTTCAGGGAGCCCCGGAGTCCAGGAGCCACAGGCCTGAAAGGAA 1023
 |||||
 Qy 989 CTGGGCCAGCAGGACTTCAGGGAGCCCCGGAGTCCAGGAGCCACAGGCCTGAAAGGAA 1048
 |||||
 Db 1024 GCAAAGGGACACAGGACTCAAGGAGCAAAGGAGAAATCAGGAGTTCCAG 1083
 |||||
 Qy 1049 GCAAAGGGACACAGGACTCAAGGAGCAAAGGAGAAATCAGGAGTTCCAG 1108
 |||||
 Db 1084 GCCCTGCAGGTGTGAAGGGAGAACAGGGAGCCAGGGCTGGCAGGTCCAAGGGAGCC 1143
 |||||
 Qy 1109 GCCCTGCAGGTGTGAAGGGAGAACAGGGAGCCAGGGCTGGCAGGTCCAAGGGAGCC 1168
 |||||
 Db 1144 CTGGACAAGCTGGCAGAGGGAGACCAGGGAGTGAAGGATCTCTGGGAGCAAGGAG 1203
 |||||
 Qy 1169 CTGGACAAGCTGGCAGAGGGAGACCAGGGAGTGAAGGATCTCTGGGAGCAAGGAG 1228
 |||||
 Db 1204 TAAAGGGAGAAAAAGGTGAAGGAGGTGAAAGGATCTCTGGGAGCAAGGAG 1263
 |||||
 Qy 1229 TAAAGGGAGAAAAAGGTGAAGGAGGTGAAAGGAGTCAAGTGTGGCTCAGGATTGTGGCAGTA 1288
 |||||
 Db 1264 GTAACCGAGGCCGGCTGAAGTTACTACAGTGGTACCTGGGGACAATTGGCATGAGC 1323
 |||||
 Qy 1289 GTAACCGAGGCCGGCTGAAGTTACTACAGTGGTACCTGGGGACAATTGGCATGAGC 1348
 |||||
 Db 1324 AGTGGCAAATTCTGATGCCATTGCTCTGGCCATGCTGGGT-ACTCCTAAAGGAAGGG 1382
 |||||
 Qy 1349 AGTGGCAAATTCTGATGCCATTGCTCTGGCCATGCTGGGT-ACTCCTAAAGGAAGGG 1408
 |||||
 Db 1383 CCCTGTACAAGTGGGAGCTGGCAGACTGGCAGATCTGGCTGGATAATTGTCAGTGTGGG 1442
 |||||
 Qy 1409 CCCTGTACAAGTGGGAGCTGGCAGACTGGCAGATCTGGCTGGATAATTGTCAGTGTGGG 1468
 |||||
 Db 1443 GCACGGAGAGTACCCCTGGAGCTGGCAGACCAAGAATAGCTGGGGCATCATGACTGCAGCC 1502
 |||||
 Qy 1469 GCACGGAGAGTACCCCTGGAGCTGGCAGACCAAGAATAGCTGGGGCATCATGACTGCAGCC 1528
 |||||
 Db 1503 ACAGGGAGGAGCCAGGGCTGGAGTCAGCGTC 1534
 |||||
 Qy 1529 ACAGGGAGGAGCCAGGGCTGGAGTCAGCGTC 1560

ID US-09-023-655-813 STANDARD; DNA; UNC; 1323 BP.
AC XXXXXX

DT Sequence 813, Application US/09023655
CC Sequence 813, Application US/09023655

CC GENERAL INFORMATION:

CC APPLICANT: Cocks, Benjamin G.

CC APPLICANT: Susan G. Stuart

CC APPLICANT: Jeffrey J. Seilhamer

CC TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE

CC TITLE OF INVENTION: EXPRESSION

CC NUMBER OF SEQUENCES: 1508

CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: INCYTE PHARMACEUTICALS, INC.

CC STREET: 3174 PORTER DRIVE

CC CITY: PALO ALTO

CC STATE: CALIFORNIA

CC COUNTRY: USA

CC ZIP: 94304

CC COMPUTER READABLE FORM:

CC MEDIUM TYPE: Floppy disk

CC COMPUTER: IBM PC compatible

CC OPERATING SYSTEM: PC-DOS/MS-DOS

CC SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2

CC CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: US/09/023,655

CC FILING DATE: HEREWITH

CC CLASSIFICATION:

CC PRIOR APPLICATION DATA:

CC APPLICATION NUMBER:

CC FILING DATE:

CC CLASSIFICATION:

CC ATTORNEY/AGENT INFORMATION:

CC NAME: Zeller, Karen J.

CC REGISTRATION NUMBER: 37,071

CC REFERENCE/DOCKET NUMBER: PA-0001 US

CC TELECOMMUNICATION INFORMATION:

CC TELEPHONE: (650) 855-0555

CC TELEFAX: (650) 845-4166

CC INFORMATION FOR SEQ ID NO: 813:

CC SEQUENCE CHARACTERISTICS:

CC LENGTH: 1323 base pairs

CC TYPE: nucleic acid

CC STRANDEDNESS: single

CC TOPOLOGY: linear

CC IMMEDIATE SOURCE:

CC LIBRARY: LUNGNOT04

CC CLONE: 768545

SQ SEQUENCE 1323 BP; 331 A; 312 C; 471 G; 204 T; 5 OTHER.

Query Match 65.6%; Score 1023; DB 23; Length 1323;
Best Local Similarity 98.4%; Pred. No. 0.00e+00;
Matches 1091; Conservative 0; Mismatches 7; Indels 11; Gaps 11;

Db 68 GGTCTTCAAGGTACAAGGNGGCCATGGCNTGCTGGNGCCCCCTGGCCCGCCGGACCA 127

Qy 460 GGTCTTCAAGGTACAAGGGGGCCATGGCATGGCTGGTGCCTGGACCA 519

Db 128 CCTGCTGAGAAGGGAGCCAAGGGGCTATGGGACAGATGGGACAAACAGGCCCTGGGA 187

Qy 520 CCTGCTGAGAAGGGAGCCAAGGGGCTATGGGACAGATGGGACAAACAGGCCCTGGGA 579

Db 188 CCCCAAGGCCAACCGGGAGTCAGGGAGAGGGCGGCCCTCAAGGACCCCAGGGTCTCA 247

Qy 580 CCCCAAGGCCAACCGGGAGTCAGGGAGAGGGCGGCCCTCAAGGACCCCAGGGTCTCA 639

Db 248 GGGAGCAAGGAGCCACTGGCACCCAGGACCCCAAGGAGAGAAGGGCAGCAAAGGGAT 307

Qy 640 GGGAGCAAGGAGCCACTGGCACCCAGGACCCCAAGGAGAGAAGGGCAGCAAAGGGAT 699

Db 308 GGGGGTCTATTGGCCAAAAGGGAAACTGGAACTAAGGGAGAGAAGGGAGACCTGGT 367

Qy 700 GGGGGTCTATTGGCCAAAAGGGAAACTGGAACTAAGGGAGAGAAGGGAGACCTGGT 759

Db 368 CTCCCAGGAAGCAAAGGGACAGGGCATGAAAGGAGATGCAGGGCATGGGCCCTCCT 427
Qy 760 CTCCCAGGAAGCAAAGGGACAGGGCATGAAAGGAGATGCAGGGCATGGGCCCTCCT 819

Db 428 GGAGCCCAGGGAGTAAAGGTN-CTT-GGGAGGGCAGGCCACCAGGTTGGCTGGTTT 485
Qy 820 GGAGCCCAGGGAGTAAAGGTACTTCGGGAGGGCAGGCCACCAGGTTGGCTGGTTT 879

Db 486 CCTGGACCTAAAGGAGATCAAGGACAACCTGGACTGAGGGTGTCCGGGCCCTCTGG 545
Qy 880 CCTGGACCTAAAGGAGATCAAGGACAACCTGG-ACTGCAGGGTGTCCGGGCCCTCTGG 938

Db 546 TGCAGTGGGACACCCAGGTCCAAGGGTGAGCTGGCAGTGCTGGCTCCCTGGCGAGC 605
Qy 939 TGCAGTGGGACACCCAGGTCCAAGGGTGAGCTGGCAGTGCTGGCTCCCTGGCGAGC 998

Db 606 AGGACTTCAGGGAGCCCGGGAGTCCAGGAGCCACAGGCTGAAAGGAAGGAAAGGG 665
Qy 999 AGGACTTCAGGGAGCCCGGGAGTCCAGGAGCCACAGGCTGAAAGGAAGGAAAGGG 1057

Db 666 ACACAGGACTCAAGGACACCAAGGAAGAAAAGGAGATCAGGAGTCCAGGCCCTGCAG 725
Qy 1058 ACACAGGACTCAAGGACACCAAGGAAGAAAAGGAGATCAGGAGTCCAGGCCCTGCAG 1117

Db 726 GTGTGAAGGGAGAACAGGGAGGCCAGGGCTGGCAGGTCCAAGGGAGCCCTGGACA 785
Qy 1118 GTGTGAAGGGAGAACAGGGAGGCCAGGGCTGGCAGGTCCAAGGGAGCCCTGGACA 1177

Db 786 CTGGCCAGAAGGGAGACAGGGAGTGAAGGATCTCTGGGAGCAAGGAGTAAGGGAG 845
Qy 1178 CTGGCCAGAAGGGAGACAGGGAGTGAAGGATCTCTGGGAGCAAGGAGTAAGGGAG 1237

Db 846 AAAAACGTAAAGAGGTGAAAGGAACTCAGTGTCCCTCAGGATTGTCGGCAGTAGTAACCGAG 905
Qy 1238 AAAAGGTAAAGAGGTGAAAGGAACTCAGTGTCCCTCAGGATTGTCGGCAGTAGTAACCGAG 1297

Db 906 CGCCGGGCTGAGTTACTACAGTGGTACCTGGGGGACAATTTCGATGACGGAGTGG 965
Qy 1298 CCGGG-CTGAAGTTACTACAGTGGTACCTGGGGGACAATTTCGATGACG-AGTGG 1353

Db 966 CAAAATTCTGATGCCATTGCTTGTGGCCCATGCTGGTTACCTCAAAGGAAGGCC 1025
Qy 1354 CAAAATTCTGATGCCATTGCTTCTG-CCGCATGCTGGGTTAC-TCCAAAGGAAGGCC 1411

Db 1026 TGTACAAAGTGGGAGCTGGCAGATCTGGCTGGATAATTTCACTGTGGGG 1085
Qy 1412 TGTACAAAGTGGGAGCTGG-CACTGGCAGATCTGGCTGGATAATTTCACTGTGGGG 1470

Db 1086 AAGGAGAGTACCCCTGTGGAGCTGCACCAAGAATAGCTGGGCCATCATGACTGCAGCC 1145
Qy 1471 ACGGAGAGTACCCCTGTGGAGCTGCACCAAGAATAGCTGGGCCATCATGACTGCAGCC 1530

Db 1146 GAGGAGGACGCAGGGCTGGAGTGCAGCGT 1174
Qy 1531 GAGGAGGACGCAGGGCTGGAGTGCAGCGT 1559

RESULT 5
ID US-08-837-312-1335 STANDARD; DNA; UNC; 775 BP.
AC XXXXXX
DT
DE Sequence 1335, Application US/08837312
CC Sequence 1335, Application US/08837312
CC GENERAL INFORMATION:
CC APPLICANT: Jacobs, Kenneth
CC APPLICANT: McCoy, John
CC APPLICANT: LaVallie, Edward
CC APPLICANT: Racie, Lisa
CC APPLICANT: Merberg, David
CC APPLICANT: Treacy, Maurice
CC APPLICANT: Spaulding, Vicki
CC TITLE OF INVENTION: SECRETED, EXPRESSED SEQUENCE TAGS

CC NUMBER OF SEQUENCES: 1519
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: Genetics Institute, Inc.
 CC STREET: 87 Cambridge Park Drive
 CC CITY: Cambridge
 CC STATE: Massachusetts
 CC COUNTRY: U.S.A
 CC ZIP: 02140
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Floppy Disk
 CC COMPUTER: IBM PC Compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: PatentIn Release #1.0, Version #1.30
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/837,312
 CC FILING DATE:
 CC CLASSIFICATION: 435
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: Brown, Scott A.
 CC REGISTRATION NUMBER: 32,724
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (617) 498-8224
 CC TELEFAX: (617) 876-5851
 CC INFORMATION FOR SEQ ID NO: 1335:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 775 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: double
 CC TOPOLOGY: linear
 CC MOLECULE TYPE: cDNA
 SQ SEQUENCE 775 BP; 184 A; 221 C; 244 G; 126 T; 0 OTHER.

Query Match 47.6%; Score 742; DB 21; Length 775;
 Best Local Similarity 100.0%; Pred. No. 0.00e+00;
 Matches 742; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 22 GCTCTTGAGTGAGACCCAACAAGCTGCTTTCACCAATTGCAATGGAGCCTTCGAAT 81
 |||||
 Qy 33 GCTCTTGAGTGAGACCCAACAAGCTGCTTTCACCAATTGCAATGGAGCCTTCGAAT 92
 |||||
 Db 82 CAATGTTCAAAGCCAAAGAGGAGAAATGGGGTGAACATTCTCCCTAGCTGTGGTGGTCAT 141
 |||||
 Qy 93 CAATGTTCAAAGCCAAAGAGGAGAAATGGGGTGAACATTCTCCCTAGCTGTGGTGGTCAT 152
 |||||
 Db 142 CTACCTGATCTGCTACCGCTGGCCTGGCTCTGGTGGTCAAGTTCTGAATCTGCA 201
 |||||
 Qy 153 CTACCTGATCTGCTACCGCTGGCCTGGCTCTGGTGGTCAAGTTCTGAATCTGCA 212
 |||||
 Db 202 GGCGCGGCTCCGGGTCCTGGAGATGTATTCCTCAATGACACTCTGGCGCTGAGGACAG 261
 |||||
 Qy 213 GGCGCGGCTCCGGGTCCTGGAGATGTATTCCTCAATGACACTCTGGCGCTGAGGACAG 272
 |||||
 Db 262 CCCGCTCTCTCTGCTGCAGTCAGCACACCCCTGGAGAACACCTGGCTCAGGGTCATC 321
 |||||
 Qy 273 CCCGCTCTCTCTGCTGCAGTCAGCACACCCCTGGAGAACACCTGGCTCAGGGTCATC 332
 |||||
 Db 322 GAGGCTGCAAGCTCTGCAAGGCCAACTCACCTGGGTCGGCTCAGGGACTTGCT 381
 |||||
 Qy 333 GAGGCTGCAAGCTCTGCAAGGCCAACTCACCTGGGTCGGCTCAGGGACTTGCT 392
 |||||
 Db 382 GCAGCGGGTAGACAACCTCACTCAGAACCCAGGGATTTCAGAATCAAAAGTGAAACAGG 441
 |||||
 Qy 393 GCAGCGGGTAGACAACCTCACTCAGAACCCAGGGATTTCAGAATCAAAAGTGAAACAGG 452
 |||||
 Db 442 CGCCCCCAGGTCTCAAGGTACAAGGGGGCATGGCATGGCTGGTGGCCCTGGCCGCC 501
 |||||
 Qy 453 CGCCCCCAGGTCTCAAGGTACAAGGGGGCATGGCATGGCTGGTGGCCCTGGCCGCC 512
 |||||
 Db 502 GGGACCACTGCTGAGAAGGGAGCCAAGGGGGCTATGGGACGAGATGGAGAACAGGCC 561
 |||||
 Qy 513 GGGACCACTGCTGAGAAGGGAGCCAAGGGGGCTATGGGACGAGATGGAGAACAGGCC 572
 |||||
 Db 562 CTGGGGACCCAAGGCCACCGGAGTCAGGGAGAGGGAGGGCCCTCAAGGACCCCAGGG 621

Qy 573 CTCGGGACCCAAGGCCACCGGAGTCAGGGAGAGGGCCCTCAAGGACCCCAGGG 632
 |||||
 Db 622 TGCTCCAGGGAAGCAAGGAGGCCACTGGCACCCAGGACCCCAAGGAGAGAAGGGCAGCAA 681
 |||||
 Qy 633 TGCTCCAGGGAAGCAAGGAGGCCACTGGCACCCAGGACCCCAAGGAGAGAAGGGCAGCAA 692
 |||||
 Db 682 AGGCAGATGGGGTCTATTGGCCAAAAGGGAAACTGAACTAAGGGAGAGAAGGGAGA 741
 |||||
 Qy 693 AGGCAGATGGGGTCTATTGGCCAAAAGGGAAACTGAACTAAGGGAGAGAAGGGAGA 752
 |||||
 Db 742 CCTGGGTCTCCAGGAAGCAA 763
 |||||
 Qy 753 CCTGGGTCTCCAGGAAGCAA 774

RESULT 6
 ID US-08-893-467A-1 STANDARD; DNA; UNC; 1868 BP.
 AC XXXXXX
 DT
 DE Sequence 1, Application US/08893467A
 CC Sequence 1, Application US/08893467A
 CC GENERAL INFORMATION:
 CC APPLICANT: Tryggvason, Karl
 CC APPLICANT: Elomaa, Outi
 CC APPLICANT: Kangas, Maarit
 CC TITLE OF INVENTION: An Insolated DNA Sequence For a
 CC TITLE OF INVENTION: Novel Macrophage Receptor with
 CC TITLE OF INVENTION: a Collagenous Domain and the
 CC TITLE OF INVENTION: Polypeptide Chain Encoded by
 CC TITLE OF INVENTION: such a Sequence
 CC NUMBER OF SEQUENCES: 2

CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: Fay, Sharpe, Beall, Fagan,
 CC ADDRESSEE: Minnich & McKee
 CC STREET: 1100 Superior Avenue
 CC STREET: Suite 700
 CC CITY: Cleveland
 CC STATE: Ohio
 CC COUNTRY: U.S.A.
 CC ZIP: 44114-2518

CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Diskette, 3.50 inch,
 CC MEDIUM TYPE: 720 Kb storable
 CC COMPUTER: IBM PS/2, Model 35 SX
 CC OPERATING SYSTEM: DOS 5.0
 CC SOFTWARE: Word Perfect 5.1
 CC CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: US/08/893,467A
 CC FILING DATE:
 CC CLASSIFICATION: 435

CC ATTORNEY/AGENT INFORMATION:
 CC NAME: Minnich, Richard J.
 CC REGISTRATION NUMBER: 24,175
 CC REFERENCE/DOCKET NUMBER: TRV 2 009
 CC TELECOMMUNICATION INFORMATION:

CC TELEPHONE: (216) 861-5582
 CC TELEFAX: (216) 241-1666
 CC TELEX: (216) 980162

CC INFORMATION FOR SEQ ID NO: 1:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 1868 base pairs
 CC TYPE: Nucleic acid
 CC STRANDEDNESS: Single
 CC TOPOLOGY: Linear
 CC MOLECULE TYPE: Nucleotide-genomic DNA
 CC HYPOTHETICAL: Not relevant
 CC ANTI-SENSE: Not relevant

SQ SEQUENCE 1868 BP; 524 A; 433 C; 576 G; 335 T; 0 OTHER.

Query Match 42.7%; Score 666; DB 21; Length 1868;
 Best Local Similarity 75.1%; Pred. No. 0.00e+00;
 Matches 1110; Conservative 0; Mismatches 354; Indels 15; Gaps 6;

Db 247 ATGGAGACCTTCGAAATCAATGATCCAGTGCCAAAGAAGAGAAATGGGGGACCTTCTGC 306
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Qy 76 ATGGAGCCTTCGAAATCAATGTTCAAAGGCCAAGAGGAGAAATGGGTGAACCTCTCC 135
 ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 307 ATGGCAGTCATGGCATCACCTGATCGTCAAGGAGACTGACTGCTGCTGATT 366
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Qy 136 CTAGCTGTGGTGGTCACTACCTGATCGTCAAGGCTGGCGTGGGCTGGTGGTGC 195
 ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 367 CAAGTCTCAATCTGAGGAGCAGCTCCAGATGCTAGAGATGCTGCTGCAATGGATCA 426
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Qy 196 CAAGTCTGAATCTGCAGGCCGGCTCCGGTCTGGAGATGTATTCCTCAATGACACT 255
 ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 427 CTAGCTATCGAGGACAAGGCCCTTCCTC--GCTGAGTGGGAC--CCAAAACA-CAC 480
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Qy 256 CTGGCGCTGAGGACAGGCCCTCCCTCCTGCTGCACTCAGCACACCCCTGGAAACAC 315
 ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 481 CTGGTACCTAGAGCACAGGGCTGCAAGGCCCTGCAGGCCAGCTCAGCTGGGTCATACC 540
 ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Qy 316 CTGGCTAGGGTCATCGAGGCTCAAGTCTGAGGCCAACTCACCTGGTCCGGCTC 375
 ||||| ||||| ||||| ||||| ||||| |||||
 Db 541 AGCCAGGGCAACTCGCTCAGCAGTTCAACACCTCACTCAAATCCAGAGTTCTTCAG 600
 ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Qy 376 AGCCATGAGCACTGTCAGCGGGTAGACAACITCACTCAGAACCCAGGGATGTCAGA 435
 ||||| ||||| ||||| ||||| ||||| |||||
 Db 601 ATTAAAGGTGAAACGAGGCTCTCAGGTC-CAA-----AAGGGGCCCCGGGTCT- 651
 ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Qy 436 ATCAAAGGTGAAACAAGGCCGCCAGGTCTCAAGGTACAAGGGGCAATGGGATGCC 495
 ||||| ||||| ||||| ||||| |||||
 Db 652 GGAATCCCCGGCTGGCTGGCCAGCTGCTGAGAAGGGAGAAAGGGGCTGCAGGTCTG 711
 ||||| ||||| ||||| ||||| ||||| |||||
 Qy 496 GGTGCCCCCTGGCCGCCGGACACCTGCTGAGAAGGGAGCCAAGGGGCTATGGGACGA 555
 ||||| ||||| ||||| |||||
 Db 712 GATGGAACCCCAGGTCTCAAGGACCCCAGGGCCACAGGCAGCAAGGGAGAGGCAGG 771
 ||||| ||||| ||||| ||||| ||||| |||||
 Qy 556 GATGGAGCAACAGGCCCTCGGACCCCAAGGCCACCGGAGTCAGGGAGAGGCCG 615
 ||||| ||||| |||||
 Db 772 CTCCAGGGACTTACGGGTGCAAGGGCAAGGACAACTGGTCTCAGGACCTCGA 831
 ||||| ||||| ||||| ||||| ||||| |||||
 Qy 616 CTCCAAGGACCCCAGGGTCTCCAGGGAGCAAGGGACACTGGCACCCAGGACCCCA 675
 ||||| ||||| |||||
 Db 832 GGAGAGAAGGGCAGCAAAGGTGACATAGGTCTACTGGCCCCAAGGGGACATGGCAC 891
 ||||| ||||| ||||| ||||| |||||
 Qy 676 GGAGAGAAGGGCAGCAAAGGTGATGGGTCTCATGGCCAAAAGGGGAAACTGGAACT 735
 ||||| |||||
 Db 892 AAGGGAGACAAGGGACCTAGGCTTCCAGGAACAAAGGGACATGGCATGAAGGG 951
 ||||| ||||| ||||| |||||
 Qy 736 AAGGGAGAGAAGGGACCTGGGCTCCCAGGAAGCAAAGGGACAGGGCATGAAAGGA 795
 ||||| |||||
 Db 952 GACACGGGCCATGGGCTCCCTGGAGCTCAGGGAGTAAAGGTGATGCTGGAAACCA 1011
 ||||| ||||| ||||| ||||| |||||
 Qy 796 GATGCAGGGCTATGGGCCCTCTGGAGGCCAGGGAGTAAAGGTGACTTGGGAGGCCA 855
 ||||| |||||
 Db 1012 GGCCTACCAAGGTTGGCTGGATCTCAGGAGTCAGGAACTGGAGTG 1071
 ||||| ||||| ||||| ||||| |||||
 Qy 856 GGCCACCAAGGTTGGCTGGTTCTGGAGCTAAAGGAGATCAAGGACACCTGGACTG 915
 ||||| |||||
 Db 1072 CAGGGTGTCCAGGCCCTCAAGGTGCAAGGACTTCAAGGTGCAAGGGTGGCCAGGA 1131
 ||||| ||||| ||||| ||||| |||||
 Qy 916 CAGGGTGTCCGGCCCTCTGGTGAGTGGACACCCAGGTGCCAAGGGTGGCCAGGCTGGC 975
 ||||| |||||
 Db 1132 CGCACTGGTCTCTGGCCAGCAGGACCCCCGGGATTGCTGGAACTCAGGGATTGCA 1191
 ||||| ||||| ||||| ||||| |||||
 Qy 976 AGTGTGGCTCCCTGGCGAGCAGGACTTCAGGGAGCCCCGGGAGTCCAGGAGCCACA 1035
 ||||| |||||
 Db 1192 GGTGTAAAGGAAGCAAGGGTACAGGAATTCAAGGACAGAAAGGGACAAAAGGAGA 1251
 ||||| ||||| ||||| |||||
 Qy 1036 GGCCTGAAAGGAAGCAAGGGACACAGGACTTCAGGACACCAAGGAAGAAAAGGAGA 1095
 ||||| |||||
 Db 1252 TCAGGAGTCCAGGTCTGTAGGGAGAAAGGGAGACACTGGAGGCCCTGGCTGGCAGGT 1311
 ||||| |||||
 Qy 1096 TCAGGAGTCCAGGCCCTGCAGGTGTGAAGGGAGAACAGGGAGGCCAGGGCTGGCAGGT 1155

Db 1312 CCCAAAGGAGAACCTGGACAGTGCTGAGAAGGGAGACCCGGGATGAAAGGGCTTCTC 1371
 ||||| ||||| ||||| ||||| |||||
 Qy 1156 CCCAAGGGAGGCCCTGGACAAGCTGGCCAGAAGGGAGACAGGGAGTGAAGGATCTCT 1215
 ||||| |||||
 Db 1372 GGCCAGCAAGGACAAAAGGGAGAAAAGGTCAAAAGGCAATCTTCAACGCGTCGG 1431
 ||||| ||||| ||||| |||||
 Qy 1216 GGGGAGCAAGGAGTAAGGGAGAAAAGGTGAAAGAGGTGAAAACACTAGTGTCCGTCA 1275
 ||||| |||||
 Db 1432 ATCATGGGTGGCACCAACAGAGGCCAGCTGAAGTTACTATAACAATGAGTGGGGACA 1491
 ||||| |||||
 Qy 1276 ATTGTGGCAGTAGTAACCGAGGCCGGCTGAAGTTACTACAGTGGTACCTGGGGACA 1335
 ||||| |||||
 Db 1492 ATTGTGATGATGATGGATAATAATGATGCGACTGCTCTGTCATGCTCGGTAC 1551
 ||||| |||||
 Qy 1336 ATTGCGATGACAGTGGCAAATCTGATGCCATTGCTCTGCCATGCTGGGTAC 1395
 ||||| |||||
 Db 1552 TCCAGAGGGAGAGCACTTAGCAGCTATGGAGGTTGCTCTGGAACATCTGGCTGGACAAT 1611
 ||||| |||||
 Qy 1396 TCCAAAGGAAGGCCCTGTACAAGTGGAGCTGGCAGTGGCAGATCTGGCTGGATAAT 1455
 ||||| |||||
 Db 1612 GTGAATTGCGGGCACAGAGAACAGTTGTTGGACTCGAGTAAGAACCTCTGGGCAAT 1671
 ||||| |||||
 Qy 1456 GTTCAGTGTGGGGCACGGAGAGTACCCCTGGAGCTGCACCAAGAATAGCTGGGGCAT 1515
 ||||| |||||
 Db 1672 CACAATTGCGTACATAATGAAGATGGGGTGTGAATGC 1710
 ||||| |||||
 Qy 1516 CATGACTGCAGGCCACGAGGAGGCCAGCGTGGAGTGC 1554

RESULT 7

ID US-09-057-719-358 STANDARD; DNA; UNC; 311 BP.
AC XXXXXX

DT

DE Sequence 358, Application US/09057719

CC Sequence 358, Application US/09057719

CC GENERAL INFORMATION:

CC APPLICANT: Edwards, Jean-Baptiste Dumas Milne

CC APPLICANT: Duclert, Aymeric

CC TITLE OF INVENTION: EXPRESSED SEQUENCE TAGS FOR SECRETED

CC TITLE OF INVENTION: PROTEINS

CC NUMBER OF SEQUENCES: 1207

CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: Knobbe, Martens, Olson & Bear

CC STREET: 501 West Broadway

CC CITY: San Diego

CC STATE: California

CC COUNTRY: USA

CC ZIP: 92101-3505

CC COMPUTER READABLE FORM:

CC MEDIUM TYPE: Floppy Disk

CC COMPUTER: IBM PC compatible

CC OPERATING SYSTEM: Win95

CC SOFTWARE: Word

CC CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: US/09/057,719

CC FILING DATE:

CC CLASSIFICATION:

CC ATTORNEY/AGENT INFORMATION:

CC NAME: Israelsen, Ned A.

CC REGISTRATION NUMBER: 29,655

CC REFERENCE/DOCKET NUMBER: GENSET.025A

CC TELECOMMUNICATION INFORMATION:

CC TELEPHONE: (619) 235-8550

CC TELEFAX: (619) 235-0176

CC INFORMATION FOR SEQ ID NO: 358:

CC SEQUENCE CHARACTERISTICS:

CC LENGTH: 311 base pairs

CC TYPE: NUCLEIC ACID

CC STRANDEDNESS: DOUBLE

CC TOPOLOGY: LINEAR

CC MOLECULE TYPE: CDNA

CC ORIGINAL SOURCE:

CC ORGANISM: Homo Sapiens

04/04/98

CC TISSUE TYPE: Liver
 CC FEATURE:
 CC NAME/KEY: sig_peptide
 CC LOCATION: 62..172
 CC IDENTIFICATION METHOD: Von Heijne matrix
 CC OTHER INFORMATION: score 5.6
 CC OTHER INFORMATION: seq VIYLILLTAGAGL/LV
 SQ SEQUENCE 311 BP; 65 A; 87 C; 85 G; 73 T; 1 OTHER.

Query Match 19.88; Score 309; DB 24; Length 311;
 Best Local Similarity 99.4%; Pred. No. 2.32e-284;
 Matches 309; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Db 1 AATTCTAAGGAGGACGAGCTCTTGAGTGAGACCAACAAGCTGTTTACCAAATTGC 60

Qy 15 AATTCTAAGGAGGACGAGCTCTTGAGTGAGACCAACAAGCTGTTTACCAAATTGC 74

Db 61 ATGGAGCCTTCGAAATCAATGTCCAAGGCCAAGGAGGAMATGGGTGAACCTCTC 120

Qy 75 ATGGAGCCTTCGAAATCAATGTCCAAGGCCAAGGAGGAAATGGGTGAACCTCTC 134

Db 121 CCTAGCTGTGGTGGTCATCTACCTGATCTGTCACCGCTGGCGCTGGCTGGTGGT 180

Qy 135 CCTAGCTGTGGTGGTCATCTACCTGATCTGTCACCGCTGGCGCTGGCTGGTGGT 194

Db 181 CCAAGTTCTGAATCTGCAGGCCGCGCTCGGGCTCTGGAGATGTATTCTCAATGACAC 240

Qy 195 CCAAGTTCTGAATCTGCAGGCCGCGCTCGGGCTCTGGAGATGTATTCTCAATGACAC 254

Db 241 TCTGGCGGTGAGGACAGCCGTCCTCTCCTTGCTGAGTCAGCACACCCCTGGAGAAC 300

Qy 255 TCTGGCGGTGAGGACAGCCGTCCTCTCCTTGCTGAGTCAGCACACCCCTGGAGAAC 314

Db 301 CCTGGCTCGGG 311

Qy 315 CCTGGCTCAGG 325

RESULT 8

ID US-08-801-504-148 STANDARD; DNA; UNC; 269 BP.

AC XXXXXX

DT

DE Sequence 148, Application US/08801504

CC Sequence 148, Application US/08801504

CC GENERAL INFORMATION:

CC APPLICANT: Stuart, Susan G.

CC APPLICANT: Gooding, Douglas H.

CC APPLICANT: John C. Lane

CC APPLICANT: Angelo M. Delegeane

CC APPLICANT: James I. Snable

CC TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM

CC TITLE OF INVENTION: OSTEOARTHRITIC SYNOVIA

CC NUMBER OF SEQUENCES: 2850

CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: INCYTE PHARMACEUTICALS, INC.

CC STREET: 3174 PORTER DRIVE

CC CITY: PALO ALTO

CC STATE: CALIFORNIA

CC COUNTRY: USA

CC ZIP: 94304

CC COMPUTER READABLE FORM:

CC MEDIUM TYPE: Floppy disk

CC COMPUTER: IBM PC compatible

CC OPERATING SYSTEM: PC-DOS/MS-DOS

CC SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2

CC CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: US/08/801,504

CC FILING DATE: HEREWITH

CC CLASSIFICATION: 435

CC PRIOR APPLICATION DATA:

CC APPLICATION NUMBER: 60/009,710

CC FILING DATE: DECEMBER 19, 1995

CC PRIOR APPLICATION DATA:

CC APPLICATION NUMBER: 60/010,009
 CC FILING DATE: January 4, 1996
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: CERRONE, MICHAEL C.
 CC REGISTRATION NUMBER: 39,132
 CC REFERENCE/DOCKET NUMBER: PD-0099 US
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (415) 855-0555
 CC TELEFAX: (415) 845-4166
 CC INFORMATION FOR SEQ ID NO: 148:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 269 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: single
 CC TOPOLOGY: linear
 CC MOLECULE TYPE: cDNA
 CC IMMEDIATE SOURCE:
 CC CLONE: 722411
 SQ SEQUENCE 269 BP; 48 A; 82 C; 80 G; 59 T; 0 OTHER.

Query Match 17.28; Score 269; DB 21; Length 269;
 Best Local Similarity 100.0%; Pred. No. 4.20e-242;
 Matches 269; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 AAGCCCAGAGGAGAAATGGGTGAACCTCTCCCTAGCTGTGGTGGTCATCTACCTGATC 60

Qy 103 AAGCCCAGAGGAGAAATGGGTGAACCTCTCCCTAGCTGTGGTGGTCATCTACCTGATC 162

Db 61 CTGCTCACCGCTGGCGCTGGGCTGGTGGTCAAGTCTGAATCTGCAGGCCGCGCTC 120

Qy 163 CTGCTCACCGCTGGCGCTGGGCTGGTGGTCAAGTCTGAATCTGCAGGCCGCGCTC 222

Db 121 CGGGTCTGGAGATGTATTCTCAATGACACTCTGGGGCTGAGGACAGCCGCTCTTC 180

Qy 223 CGGGTCTGGAGATGTATTCTCAATGACACTCTGGGGCTGAGGACAGCCGCTCTTC 282

Db 181 TCCTTGCTGCAGTCAGCACACCCCTGGAGAACACCTGGCTCAGGGTCATCGAGGCTGCAA 240

Qy 283 TCCTTGCTGCAGTCAGCACACCCCTGGAGAACACCTGGCTCAGGGTCATCGAGGCTGCAA 342

Db 241 GTCCCTGCAGGCCAACACTCACCTGGTCCG 269

Qy 343 GTCCCTGCAGGCCAACACTCACCTGGTCCG 371

RESULT 9

ID US-60-039-051-1236 STANDARD; DNA; UNC; 252 BP.

AC XXXXXX

DT

DE Sequence 1236, Application US/60039051

CC Sequence 1236, Application US/60039051

CC GENERAL INFORMATION:

CC APPLICANT: Gooding, Douglas H.

CC APPLICANT: Stuve, Laura L.

CC APPLICANT: Stuart, Susan G.

CC APPLICANT: Ito, Laura Y.

CC APPLICANT: Akerblom, Ingrid E.

CC APPLICANT: Delegeane, Angelo M.

CC APPLICANT: Naughton, Rebecca E.

CC APPLICANT: Klingler, Tod M.

CC TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM

CC TITLE OF INVENTION: HUMAN LUNG

CC NUMBER OF SEQUENCES: 1811

CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: INCYTE PHARMACEUTICALS, INC.

CC STREET: 3174 PORTER DRIVE

CC CITY: PALO ALTO

CC STATE: CALIFORNIA

CC COUNTRY: USA

CC ZIP: 94304

CC COMPUTER READABLE FORM:

CC MEDIUM TYPE: Floppy disk

CC COMPUTER: IBM PC compatible

CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/60/039,051
 CC FILING DATE:
 CC CLASSIFICATION:
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: CERRONE, MICHAEL C.
 CC REGISTRATION NUMBER: 39,132
 CC REFERENCE/DOCKET NUMBER: PD-0328P
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (415) 855-0555
 CC TELEFAX: (415) 845-4166
 CC INFORMATION FOR SEQ ID NO: 1236:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 252 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: single
 CC TOPOLOGY: linear
 CC MOLECULE TYPE: cDNA
 CC IMMEDIATE SOURCE:
 CC CLONE: 2591776H1
 SQ SEQUENCE 252 BP; 70 A; 54 C; 96 G; 32 T; 0 OTHER.

Query Match 16.2%; Score 252; DB 5; Length 252;
 Best Local Similarity 100.0%; Pred. No. 3.24e-224;
 Matches 252; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 GGAGCCACTGGCACCCCAGGACCCAAGGGAGAGAAGGGCAGCAAAGGCATGGGGTCTC 60
 |||||

Qy 649 GGAGCCACTGGCACCCCAGGACCCAAGGGAGAGAAGGGCAGCAAAGGCATGGGGTCTC 708
 |||||

Db 61 ATTGGCCCAAAAGGGGAAACTTGAACTAAGGGAGAGAAGGAGACCTGGGTCTCCAGGA 120
 |||||

Qy 709 ATTGGCCCAAAAGGGGAAACTTGAACTAAGGGAGAGAAGGAGACCTGGGTCTCCAGGA 768
 |||||

Db 121 AGCAAAGGGGACAGGGCATGAAAGGAGATGCAGGGTCATGGGCCTCTGGAGCCCAG 180
 |||||

Qy 769 AGCAAAGGGGACAGGGCATGAAAGGAGATGCAGGGTCATGGGCCTCTGGAGCCCAG 828
 |||||

Db 181 GGGAGTAAAGGTGACTTCGGGAGGCCAGGCCACCAGGTTGGCTGGTTTCTGGAGCT 240
 |||||

Qy 829 GGGAGTAAAGGTGACTTCGGGAGGCCACCAGGTTGGCTGGTTTCTGGAGCT 888
 |||||

Db 241 AAAGGAGATCAA 252
 |||||

Qy 889 AAAGGAGATCAA 900
 |||||

RESULT 10
 ID US-08-808-904-5073 STANDARD; DNA; UNC; 250 BP.
 AC XXXXXX

DT DE Sequence 5073, Application US/08808904
 CC Sequence 5073, Application US/08808904
 CC GENERAL INFORMATION:

CC APPLICANT: Gooding, Douglas H.
 CC APPLICANT: Stuve, Laura L.
 CC APPLICANT: Stuart, Susan G.
 CC APPLICANT: Ito, Laura Y.
 CC APPLICANT: Akerblom, Ingrid E.
 CC APPLICANT: Delegeane, Angelo M.
 CC APPLICANT: Naughton, Rebecca E.
 CC APPLICANT: Klingler, Tod M.
 CC TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM
 CC TITLE OF INVENTION: ASTHMATIC LUNG
 CC NUMBER OF SEQUENCES: 5094
 CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
 CC STREET: 3174 PORTER DRIVE
 CC CITY: PALO ALTO
 CC STATE: CALIFORNIA
 CC COUNTRY: USA

CC ZIP: 94304
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Floppy disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/808,904
 CC FILING DATE: HEREWITH
 CC CLASSIFICATION: 536
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: 60/012,698
 CC FILING DATE: FEBRUARY 29, 1996
 CC CLASSIFICATION: 536
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: 60/013,365
 CC FILING DATE: MARCH 13, 1996
 CC CLASSIFICATION: 536
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: 60/027,122
 CC FILING DATE: SEPTEMBER 27, 1996
 CC CLASSIFICATION: 536
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: CERRONE, MICHAEL C.
 CC REGISTRATION NUMBER: 39,132
 CC REFERENCE/DOCKET NUMBER: PD-0120 US
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (415) 855-0555
 CC TELEFAX: (415) 845-4166
 CC INFORMATION FOR SEQ ID NO: 5073:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 250 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: single
 CC TOPOLOGY: linear
 CC MOLECULE TYPE: cDNA
 CC IMMEDIATE SOURCE:
 CC CLONE: 1989038
 SQ SEQUENCE 250 BP; 58 A; 54 C; 82 G; 56 T; 0 OTHER.

Query Match 16.0%; Score 250; DB 21; Length 250;
 Best Local Similarity 100.0%; Pred. No. 4.10e-222;
 Matches 250; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 ATTGTGGCAGTAGTAACCGAGGCCGGCTGAAGTTTACTACAGTGGTACCTGGGGACA 60
 |||||

Qy 1276 ATTGTGGCAGTAGTAACCGAGGCCGGCTGAAGTTTACTACAGTGGTACCTGGGGACA 1335
 |||||

Db 61 ATTGGCGATGACGACTGGCAAAATTCTGATGCCATTGTCCTCTGCCATGCTGGTTAC 120
 |||||

Qy 1336 ATTGGCGATGACGAGTGGCAAAATTCTGATGCCATTGTCCTCTGCCATGCTGGTTAC 1395
 |||||

Db 121 TCCAAAGGAAGGGCCCTGTACAAGTGGGAGCTGGCACTGGCAGATCTGGCTGGATAAT 180
 |||||

Qy 1396 TCCAAAGGAAGGGCCCTGTACAAGTGGGAGCTGGCACTGGCAGATCTGGCTGGATAAT 1455
 |||||

Db 181 GTTCAGTGTGGGGCACGGAGACTCCCTGTGGGAGCTGGCACTGGCAGATCTGGGGCAT 240
 |||||

Qy 1456 GTTCAGTGTGGGGCACGGAGACTCCCTGTGGGAGCTGGCACTGGCAGATCTGGGGCAT 1515
 |||||

Db 241 CATGACTGCA 250
 |||||

Qy 1516 CATGACTGCA 1525
 |||||

RESULT 11
 ID US-08-770-384-3424 STANDARD; DNA; UNC; 251 BP.
 AC XXXXXX
 DT DE Sequence 3424, Application US/08770384
 CC Sequence 3424, Application US/08770384
 CC GENERAL INFORMATION:
 CC APPLICANT: Stuart, Susan G.

CC APPLICANT: Gooding, Douglas H.
 CC APPLICANT: Lane, John C.
 CC APPLICANT: Delegeane, Angelo M.
 CC APPLICANT: Snable, John L.
 CC TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM
 CC TITLE OF INVENTION: RHEUMATOID SYNOVIA
 CC NUMBER OF SEQUENCES: 5501
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
 CC STREET: 3174 PORTER DRIVE
 CC CITY: PALO ALTO
 CC STATE: CALIFORNIA
 CC COUNTRY: USA
 CC ZIP: 94304
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Floppy disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/770,384
 CC FILING DATE: HEREWITH
 CC CLASSIFICATION: 435
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: 60/009,486
 CC FILING DATE: December 15, 1995
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: 60/009,132
 CC FILING DATE: DECEMBER 22, 1995
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: CERRONE, MICHAEL C.
 CC REGISTRATION NUMBER: 39,132
 CC REFERENCE/DOCKET NUMBER: PD-0096 US
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (415) 855-0555
 CC TELEFAX: (415) 845-4166
 CC INFORMATION FOR SEQ ID NO: 3424:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 251 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: single
 CC TOPOLOGY: linear
 CC MOLECULE TYPE: cDNA
 CC IMMEDIATE SOURCE:
 CC CLONE: 705645
 SQ SEQUENCE 251 BP; 48 A; 69 C; 67 G; 63 T; 4 OTHER.
 Query Match 15.8%; Score 247; DB 20; Length 251;
 Best Local Similarity 98.4%; Pred. No. 5.79e-219;
 Matches 247; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

 Db 1 GCTGCTTTCACCAAATTCAATGGACCTTTCGAATCAATGTTCAAAGCCAAAGAGG 60
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Qy 55 GCTGCTTTCACCAAATTCAATGGACCTTTCGAATCAATGTTCAAAGCCAAAGAGG 114
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 61 AGAACATGGGTGAACTTCTCCCTAGCTGTGGTGGTCATCTACCTGATCCTGCTCACCCT 120
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Qy 115 AGAACATGGGTGAACTTCTCCCTAGCTGTGGTGGTCATCTACCTGATCCTGCTCACCCT 174
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 121 GGCGCTGGGCTGCTGGTGGTCCAAGTTCTGAATCTGCAGGCCGNGGCTCCGGGCTGGAG 180
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Qy 175 GGCGCTGGGCTGCTGGTGGTCCAAGTTCTGAATCTGCAGGCCGNGGCTCCGGGCTGGAG 234
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 181 ATGTATTCCTCAATGACACTCTGGCGGCTGAGGACAGCCGCTCCCTNCCTGCTGCAG 240
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Qy 235 ATGTATTCCTCAATGACACTCTGGCGGCTGAGGACAGCCGCTCCCTGCTGCAG 294
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 241 TCAGNACANCC 251
 ||||| ||||| |||||
 Qy 295 TCAGCACACCC 305
 |||||
 RESULT 12

ID US-09-016-434-839 STANDARD; DNA; UNC; 246 BP.
 AC XXXXXX
 DT
 DE Sequence 839, Application US/09016434
 CC Sequence 839, Application US/09016434
 CC GENERAL INFORMATION:
 CC APPLICANT: Janice Au-Young
 CC APPLICANT: Jeffrey J. Seilhamer
 CC TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
 CC TITLE OF INVENTION: PATHWAY GENE EXPRESSION
 CC NUMBER OF SEQUENCES: 1490
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
 CC STREET: 3174 PORTER DRIVE
 CC CITY: PALO ALTO
 CC STATE: CALIFORNIA
 CC COUNTRY: USA
 CC ZIP: 94304
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Floppy disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/09/016,434
 CC FILING DATE: HEREWITH
 CC CLASSIFICATION:
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER:
 CC FILING DATE:
 CC CLASSIFICATION:
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: Zeller, Karen J.
 CC REGISTRATION NUMBER: 37,071
 CC REFERENCE/DOCKET NUMBER: PA-0002 US
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (650) 855-0555
 CC TELEFAX: (650) 845-4166
 CC INFORMATION FOR SEQ ID NO: 839:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 246 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: single
 CC TOPOLOGY: linear
 CC IMMEDIATE SOURCE:
 CC LIBRARY: MMLR3DT01
 CC CLONE: 569648
 SQ SEQUENCE 246 BP; 69 A; 44 C; 82 G; 49 T; 2 OTHER.
 Query Match 15.5%; Score 242; DB 23; Length 246;
 Best Local Similarity 98.8%; Pred. No. 1.02e-213;
 Matches 243; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

 Db 1 GGGAGACCAGGGACTGAAAGGATCTCTGGGGAGCAAGGAGTAAGGGAGAAAAAGGTGA 60
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Qy 1188 GGGAGACCAGGGACTGAAAGGATCTCTGGGGAGCAAGGAGTAAGGGAGAAAAAGGTGA 1247
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 61 AAGAGGTGAAAACTCAGTGTCCGTCAAGATTTCGGCAGTAGTAACCGAGGCCGGCTGA 120
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Qy 1248 AAGAGGTGAAAACTCAGTGTCCGTCAAGATTTCGGCAGTAGTAACCGAGGCCGGCTGA 1307
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 121 AGTTTACTACAGTGGTACCTGGGGACAATTTCGGCAGTAGTGCGAAATTCTGTATGC 180
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Qy 1308 AGTTTACTACAGTGGTACCTGGGGACAATTTCGGCAGTAGTGCGAAATTCTGTATGC 1367
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 181 CATTGTCTCTGCGCATGCTGGTTACTCCAAAGGAAGGGCCCTGTACAAGTGGAGC 240
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Qy 1368 CATTGTCTCTGCGCATGCTGGTTACTCCAAAGGAAGGGCCCTGTACAAGTGGAGC 1427
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 241 TNCCAC 246
 |||||
 Qy 1428 TGGCAC 1433

RESULT 13
 ID US-60-051-749-163 STANDARD; DNA; UNC; 241 BP.
 AC XXXXXX
 DT

DE Sequence 163, Application US/60051749
 CC Sequence 163, Application US/60051749
 CC GENERAL INFORMATION:
 CC APPLICANT: Gooding, Douglas H.
 CC APPLICANT: Stuart, Susan G.
 CC APPLICANT: Ito, Laura Y.
 CC APPLICANT: Naughton, Rebecca E.
 CC TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM
 CC TITLE OF INVENTION: HUMAN LUNG
 CC NUMBER OF SEQUENCES: 3617
 CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
 CC STREET: 3174 PORTER DRIVE
 CC CITY: PALO ALTO
 CC STATE: CALIFORNIA
 CC COUNTRY: USA
 CC ZIP: 94304

CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Floppy disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2

CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/60/051,749
 CC FILING DATE: HEREWITH

CC CLASSIFICATION:
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: CERRONE, MICHAEL C.

CC REGISTRATION NUMBER: 39,132
 CC REFERENCE/DOCKET NUMBER: PD-0388P

TELECOMMUNICATION INFORMATION:

CC TELEPHONE: (415) 855-0555
 CC TELEFAX: (415) 845-4166

INFORMATION FOR SEQ ID NO: 163:

SEQUENCE CHARACTERISTICS:

CC LENGTH: 241 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: single

CC TOPOLOGY: linear

CC MOLECULE TYPE: cDNA

CC IMMEDIATE SOURCE:

CC CLONE: 2684337H1

SQ SEQUENCE 241 BP; 57 A; 61 C; 64 G; 59 T; 0 OTHER.

Query Match 15.4%; Score 241; DB 7; Length 241;
 Best Local Similarity 100.0%; Pred. No. 1.15e-212;
 Matches 241; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 AAAATTCTCAAGGAGGACGAGCTTGTAGTGAGACCCAACAAGCTGTTTCACCAAATT 60
 |||||||

Qy 13 AAAATTCTCAAGGAGGACGAGCTTGTAGTGAGACCCAACAAGCTGTTTCACCAAATT 72
 |||||||

Db 61 GCAATGGGCCCTTCGAAATCAATGTTCCAAGGCCAAGAGGGAAAATGGGTGAACCTC 120
 |||||||

Qy 73 GCAATGGGCCCTTCGAAATCAATGTTCCAAGGCCAAGAGGGAAAATGGGTGAACCTC 132
 |||||||

Db 121 TCCCTAGCTGTGGTGGTCATCTACCTGATCCTGCTCACCGCTGGCGCTGGCTGGTG 180
 |||||||

Qy 133 TCCCTAGCTGTGGTGGTCATCTACCTGATCCTGCTCACCGCTGGCGCTGGCTGGTG 192
 |||||||

Db 181 GTCCAAGTTCTGAATCTGCAGGCCGCGCTCCGGGTCTGGAGATGTATTCTCAATGAC 240
 |||||||

Qy 193 GTCCAAGTTCTGAATCTGCAGGCCGCGCTCCGGGTCTGGAGATGTATTCTCAATGAC 252
 |||||||

Db 241 A 241
 |

Qy 253 A 253
 |

RESULT 14
 ID US-08-810-326-2282 STANDARD; DNA; UNC; 242 BP.
 AC XXXXXX
 DT

DE Sequence 2282, Application US/08810326
 CC Sequence 2282, Application US/08810326
 CC GENERAL INFORMATION:

CC APPLICANT: Gooding, Douglas H.
 CC APPLICANT: Stuve, Laura L.
 CC APPLICANT: Stuart, Susan G.
 CC APPLICANT: Ito, Laura Y.
 CC APPLICANT: Akerblom, Ingrid E.
 CC APPLICANT: Delegeane, Angelo M.
 CC APPLICANT: Naughton, Rebecca E.
 CC APPLICANT: Klingler, Tod M.
 CC TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM
 CC TITLE OF INVENTION: HUMAN LUNG
 CC NUMBER OF SEQUENCES: 3314
 CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
 CC STREET: 3174 PORTER DRIVE
 CC CITY: PALO ALTO
 CC STATE: CALIFORNIA
 CC COUNTRY: USA
 CC ZIP: 94304
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Floppy disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2

CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: US/08/810,326

CC FILING DATE: HEREWITH

CC CLASSIFICATION: 435

PRIOR APPLICATION DATA:

CC APPLICATION NUMBER: 60/012,699

CC FILING DATE: FEBRUARY 29, 1996

CC CLASSIFICATION: 435

PRIOR APPLICATION DATA:

CC APPLICATION NUMBER: 60/015,173

CC FILING DATE: APRIL 10, 1996

CC CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

CC NAME: CERRONE, MICHAEL C.

CC REGISTRATION NUMBER: 39,132

CC REFERENCE/DOCKET NUMBER: PD-0121 US

TELECOMMUNICATION INFORMATION:

CC TELEPHONE: (415) 855-0555

CC TELEFAX: (415) 845-4166

INFORMATION FOR SEQ ID NO: 2282:

SEQUENCE CHARACTERISTICS:

CC LENGTH: 242 base pairs

CC TYPE: nucleic acid

CC STRANDEDNESS: single

CC TOPOLOGY: linear

CC MOLECULE TYPE: cDNA

CC IMMEDIATE SOURCE:

CC CLONE: 766295

SQ SEQUENCE 242 BP; 48 A; 66 C; 64 G; 63 T; 1 OTHER.

Query Match 15.3%; Score 239; DB 21; Length 242;
 Best Local Similarity 99.2%; Pred. No. 1.43e-210;
 Matches 240; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 1 CAACAAGCTGCTTTCACCAAATTGCAATGGGCCCTTCGAAATCAATGTTCAAAGCCC 60
 |||||||

Qy 49 CAACAAGCTGCTTTCACCAAATTGCAATGGGCCCTTCGAAATCAATGTTCAAAGCCC 108
 |||||||

Db 61 AAGAGGAGAAATGGGTGAACCTCTCCCTAGCTGTGGTGGTCATCTACCTGATCCTGCTC 120
 |||||||

Qy 109 AAGAGGAGAAATGGGTGAACCTCTCCCTAGCTGTGGTGGTCATCTACCTGATCCTGCTC 168
 |||||||

Db 121 ACCGGCTGGCCCTGGCTCTGGTGTCAAGTTCTGAATCTCAGGGCGGCTCGGGTC 180
 |||||
 Qy 169 ACCGCTGGCGCTGGCTGCTGGTGGTCCAAGTTCTGAATCTGCAGGCCGGCTCGGGTC 228
 |||||
 Db 181 CTGGAGATGTATTCCTCAATGACACTCTGGCGGCTGAGGACAGCCCCCTTCTTG 240
 |||||
 Qy 229 CTGGAGATGTATTCCTCAATGACACTCTGGCGGCTGAGGACAGCCCCCTTCTTG 288
 |||||
 Db 241 CT 242
 |||
 Qy 289 CT 290

RESULT 15
ID US-08-770-384-3302 STANDARD; DNA; UNC; 228 BP.

AC XXXXX

DT

DE Sequence 3302, Application US/08770384
CC Sequence 3302, Application US/08770384

CC GENERAL INFORMATION:

CC APPLICANT: Stuart, Susan G.
CC APPLICANT: Gooding, Douglas H.
CC APPLICANT: Lane, John C.
CC APPLICANT: Delegeane, Angelo M.
CC APPLICANT: Snable, John L.

CC TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM
CC TITLE OF INVENTION: RHEUMATOID SYNOVIA
CC NUMBER OF SEQUENCES: 5501

CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
CC STREET: 3174 PORTER DRIVE
CC CITY: PALO ALTO
CC STATE: CALIFORNIA
CC COUNTRY: USA
CC ZIP: 94304

CC COMPUTER READABLE FORM:

CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2

CC CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: US/08/770,384
CC FILING DATE: HEREWITH
CC CLASSIFICATION: 435

CC PRIOR APPLICATION DATA:

CC APPLICATION NUMBER: 60/009,486
CC FILING DATE: December 15, 1995

CC PRIOR APPLICATION DATA:

CC APPLICATION NUMBER: 60/009,132
CC FILING DATE: DECEMBER 22, 1995

CC ATTORNEY/AGENT INFORMATION:

CC NAME: CERRONE, MICHAEL C.
CC REGISTRATION NUMBER: 39,132
CC REFERENCE/DOCKET NUMBER: PD-0096 US

CC TELECOMMUNICATION INFORMATION:

CC TELEPHONE: (415) 855-0555
CC TELEFAX: (415) 845-4166

CC INFORMATION FOR SEQ ID NO: 3302:

CC SEQUENCE CHARACTERISTICS:

CC LENGTH: 228 base pairs
CC TYPE: nucleic acid
CC STRANDEDNESS: single
CC TOPOLOGY: linear
CC MOLECULE TYPE: cDNA
CC IMMEDIATE SOURCE:
CC CLONE: 705186

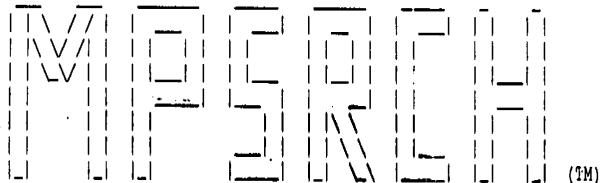
SQ SEQUENCE 228 BP; 48 A; 61 C; 63 G; 56 T; 0 OTHER.

Query Match 14.6%; Score 228; DB 20; Length 228;
Best Local Similarity 100.0%; Pred. No. 4.75e-199;
Matches 228; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 AACAAAGCTGTTTCACCAAATTGCAATGGAGCCTTCGAAATCAATGTTCAAAGCCCA 60

Qy 50 AACAAAGCTGTTTCACCAAATTGCAATGGAGCCTTCGAAATCAATGTTCAAAGCCCA 109
 |||||
 Db 61 AGAGGAGAAAATGGGGTGAACCTCTCCCTAGCTGTGGTGGTCATCTACCTGATCCTGCTCA 120
 |||||
 Qy 110 AGAGGAGAAAATGGGGTGAACCTCTCCCTAGCTGTGGTGGTCATCTACCTGATCCTGCTCA 169
 |||||
 Db 121 CCGCTGGCGCTGGGCTGCTGGTGGTCCAAGTTCTGAATCTGCAGGCCGGCTCGGGTCC 180
 |||||
 Qy 170 CCGCTGGCGCTGGGCTGCTGGTGGTCCAAGTTCTGAATCTGCAGGCCGGCTCGGGTCC 229
 |||||
 Db 181 TGGAGATGTATTCCTCAATGACACTCTGGCGGCTGAGGACAGCCCC 228
 |||||
 Qy 230 TGGAGATGTATTCCTCAATGACACTCTGGCGGCTGAGGACAGCCCC 277

Search completed: Fri Sep 11 07:38:26 1998
Job time : 2292 secs.



(TM)

Release 3.1A John F. Collins, Biocomputing Research Unit.
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MPSrch_pp protein - protein database search, using Smith-Waterman algorithm

Run on: Fri Sep 11 06:56:53 1998; MasPar time 5.44 Seconds
675.321 Million cell updates/sec

Tabular output not generated.

Title: >US-08-794-795-6
Description: (1-520) from US08794795.pep
Perfect Score: 3665
Sequence: 1 MRNKKILKEDELLSETQQAA.....NSWGHHDCHSHEEDAGVECSV 520

Scoring table: PAM 150
Gap 11

Searched: 77021 seqs, 7058996 residues

Post-processing: Minimum Match 0*
Listing first 45 summaries

Database: a-issued
1:5_COMB 2:PCT9_COMB 3:backfiles1

Statistics: Mean 32.821; Variance 173.861; scale 0.189

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result	Query	No.	Score	Match	Length	DB	ID	Description	Pred. No.
1	2414	65.9	518	1	US-08-392-	Sequence 2, Applicatio	3.69e-182		
2	796	21.7	357	1	US-08-642-	Sequence 33, Applicati	5.31e-52		
3	796	21.7	357	1	US-07-609-	Sequence 66, Applicati	5.31e-52		
4	793	21.6	1077	1	US-08-642-	Sequence 95, Applicati	9.17e-52		
5	793	21.6	1077	1	US-07-972-	Sequence 82, Applicati	9.17e-52		
6	771	21.0	1064	1	US-08-642-	Sequence 62, Applicati	5.05e-50		
7	757	20.7	408	1	US-07-609-	Sequence 65, Applicati	6.45e-49		
8	755	20.6	777	1	US-08-642-	Sequence 53, Applicati	9.28e-49		
9	739	20.2	561	1	US-08-642-	Sequence 52, Applicati	1.70e-47		
10	734	20.0	1442	2	PCT-US95-0	Sequence 12, Applicati	4.23e-47		
11	731	19.9	330	1	US-08-642-	Sequence 32, Applicati	7.29e-47		
12	722	19.7	417	1	US-08-175-	Sequence 69, Applicati	3.74e-46		
13	722	19.7	417	1	US-08-477-	Sequence 104, Applicat	3.74e-46		
14	722	19.7	417	1	US-08-642-	Sequence 102, Applicat	3.74e-46		
15	722	19.7	837	1	US-08-642-	Sequence 101, Applicat	3.74e-46		
16	722	19.7	837	1	US-08-175-	Sequence 68, Applicati	3.74e-46		
17	722	19.7	837	1	US-08-477-	Sequence 103, Applicat	3.74e-46		
18	722	19.7	897	1	US-08-397-	Sequence 50, Applicati	3.74e-46		
19	720	19.6	633	1	US-08-642-	Sequence 73, Applicati	5.38e-46		
20	720	19.6	829	1	US-08-397-	Sequence 53, Applicati	5.38e-46		
21	720	19.6	829	1	US-08-642-	Sequence 132, Applicat	5.38e-46		
22	703	19.2	1065	1	US-08-642-	Sequence 72, Applicati	1.18e-44		
23	693	18.9	252	1	US-08-642-	Sequence 61, Applicati	7.23e-44		

24	684	18.7	682	1	US-08-397-	Sequence 36, Applicati	3.69e-43
25	684	18.7	682	1	US-08-642-	Sequence 126, Applicat	3.69e-43
26	674	18.4	546	1	US-08-494-	Sequence 10, Applicati	2.26e-42
27	667	18.2	684	1	US-08-555-	Sequence 12, Applicati	8.03e-42
28	649	11.7	532	1	US-08-494-	Sequence 9, Applicatio	2.09e-40
29	645	11.6	234	1	US-08-642-	Sequence 51, Applicati	4.30e-40
30	629	11.2	1065	1	US-08-642-	Sequence 80, Applicati	7.75e-39
31	629	11.2	1065	2	PCT-US96-0	Sequence 16, Applicati	7.75e-39
32	609	16.6	762	1	US-08-397-	Sequence 26, Applicati	2.86e-37
33	609	16.6	762	1	US-08-642-	Sequence 114, Applicat	2.86e-37
34	603	16.5	762	1	US-08-642-	Sequence 120, Applicat	8.44e-37
35	603	16.5	762	1	US-08-397-	Sequence 31, Applicati	8.44e-37
36	606	16.5	1694	1	US-08-494-	Sequence 2, Applicatio	4.91e-37
37	598	16.3	540	1	US-08-383-	Sequence 5, Applicatio	2.08e-36
38	598	16.3	540	1	US-08-383-	Sequence 5, Applicatio	2.08e-36
39	598	16.3	540	1	US-08-383-	Sequence 16, Applicati	2.49e-36
40	597	16.3	543	1	US-08-383-	Sequence 16, Applicati	2.49e-36
41	597	16.3	543	1	US-08-383-	Sequence 16, Applicati	2.49e-36
42	597	16.3	543	1	US-08-383-	Sequence 16, Applicati	2.49e-36
43	595	16.2	270	1	US-08-383-	Sequence 15, Applicati	3.57e-36
44	595	16.2	273	1	US-08-383-	Sequence 3, Applicatio	3.57e-36
45	595	16.2	285	1	US-08-383-	Sequence 20, Applicati	3.57e-36

ALIGNMENTS

RESULT	1			
ID	US-08-392-367B-2	STANDARD:	PRT;	518 AA.
XX				
AC	xxxxxx			
XX				
DT				
XX				
DE	Sequence 2, Application US/08392367B			
XX				
CC	Sequence 2, Application US/08392367B			
CC	Patent No. 5691197			
CC	GENERAL INFORMATION:			
CC	APPLICANT: Tryggvason, Karl			
CC	APPLICANT: Elomaa, Outi			
CC	APPLICANT: Kangas, Maarit			
CC	TITLE OF INVENTION: An Insolated DNA Sequence For a			
CC	Patent No. 5691197			
CC	TITLE OF INVENTION: No. 5691197el Macrophage Receptor with			
CC	TITLE OF INVENTION: a Collagenous Domain and the			
CC	TITLE OF INVENTION: Polypeptide Chain Encoded by			
CC	TITLE OF INVENTION: such a Sequence			
CC	NUMBER OF SEQUENCES: 2			
CC	CORRESPONDENCE ADDRESS:			
CC	ADDRESSEE: Fay, Sharpe, Beall, Fagan,			
CC	ADDRESSEE: Minnich & McKee			
CC	STREET: 1100 Superior Avenue			
CC	STREET: Suite 700			
CC	CITY: Cleveland			
CC	STATE: Ohio			
CC	COUNTRY: U.S.A.			
CC	ZIP: 44114-2518			
CC	COMPUTER READABLE FORM:			
CC	MEDIUM TYPE: Diskette, 3.50 inch,			
CC	MEDIUM TYPE: 720 Kb storables			
CC	COMPUTER: IBM PS/2, Model 35 SX			
CC	OPERATING SYSTEM: DOS 5.0			
CC	SOFTWARE: Word Perfect 5.1			
CC	CURRENT APPLICATION DATA:			
CC	APPLICATION NUMBER: US/08/392,367B			
CC	FILING DATE:			
CC	CLASSIFICATION: 435			
CC	ATTORNEY/AGENT INFORMATION:			
CC	NAME: Minnich, Richard J.			
CC	REGISTRATION NUMBER: 24,175			
CC	REFERENCE/DOCKET NUMBER: TRV 2 009			
CC	TELECOMMUNICATION INFORMATION:			
CC	TELEPHONE: (216) 861-5582			

CITY: San Francisco
STATE: CA
COUNTRY: US
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/609,716
FILING DATE: 06-NOV-1990
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
REGISTRATION NUMBER: 20015
REFERENCE/DOCKET NUMBER: A-55186-3/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 66:
SEQUENCE CHARACTERISTICS:
LENGTH: 357 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE 357 AA; 31954 MW; 670322 CN;

Query Match 21.7%; Score 796; DB 1; Length 357;
 Best Local Similarity 48.4%; Pred. No. 5.31e-52;
 Matches 134; Conservative 45; Mismatches 95; Indels 3; Gaps 2;

```

Db    40 GPPGGPGGPGGAPGPPGPPGPPGPPGLPGKCDRGDAGPKGADGSPGPAGPVGSPGAPGPP 99
      | :|| :| :| :|| :|| :| :|| :| :|| :| :|| :| :|| :| :|| :| :|| :| :|
Ov    148 GEOAGPGLGKGAMGMPGAPGCPGCPAEEKAKCAGCAMCRDAGTCPSGPCCPCKVKGACILO 201

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Db 100 GPGPGPPGPPGAPGPPGPPGPPGPPGPKGDRGDAGPKGADGSPGPAGPVGSPGAPGPP 155

Qy 208 GPQGAPGKQGATCTPGPQGEKGSKCDGGLIGPKGETGKGEKGDLGLPGSKGDGRMGKDA 267

Qy 268 GVMGPPGAQGSKGDFGRGPGLAGFPGAKGDQGQ--P-LQLQGVPGPPGAVGHGPGAKGEP 324

D_b 280 GPPGPGPGPAPGPPGPPGPBPGPGLPGPKGDRGDAG 316

Qy 385 GPKGAPGQAGKGDQGVKGSSGEQGVKEKGERSENS 421

RESULT 4
ID HS-08-642-255-05 STANDARD: BPT: 1027 33

XX
AC xxxxxxxx

XX
DT
XX

DE Sequence 95, Application US/08642255
XX

CC Patent No. 5773249
CC GENERAL INFORMATION:

CC APPLICANT: FERRARI, Franco A.
CC TITLE OF INVENTION: High Molecular Weight Collagen-Like

CC TITLE OF INVENTION: PROTEIN POLYMERS
CC NUMBER OF SEQUENCES: 135
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: ELENA WOHNBACH TEST ALBRITTON & HERRING

CC STREET: 4 Embarcadero Center, Suite 3400
CC CITY: San Francisco
CC STATE: California
CC COUNTRY: USA
CC ZIP: 94111-4187
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.30
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/642,255
CC FILING DATE:
CC CLASSIFICATION: 435
CC ATTORNEY/AGENT INFORMATION:
CC NAME: ROWLAND, Bertram I.
CC REGISTRATION NUMBER: 20,015
CC REFERENCE/DOCKET NUMBER: A55556-3/BIR
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (415) 494-8700
CC TELEFAX: (415) 494-8771
CC TELEX: 910 277299 FHT UR
CC INFORMATION FOR SEQ ID NO: 95:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 1077 amino acids
CC TYPE: amino acid
CC STRANDEDNESS: single
CC TOPOLOGY: linear
CC MOLECULE TYPE: protein
SQ SEQUENCE 1077 AA; 91321 MW; 4955470 CN;

Query Match 21.6%; Score 793; DB 1; Length 1077;
Best Local Similarity 48.0%; Pred. No. 9.17e-52;
Matches 143; Conservative 40; Mismatches 111; Indels 4; Gaps 2;

Db 16 VTQLNRLAAHPPFASDPMGAPGAPGSQGAPGLQGAPGAPGSQGAPGLQGAPGAPGSQGAP 75
|:: : | : : || | : || || || || || || || || : | : ||
Qy 125 VSHEHLLQRVDNFNTQNP-GMFRIKIGEQQAPGLQGHKGAMGMPGAPGPPGPPAEKCGAM 183

Db 76 GLQGAPGAPGSQGAPGLQGAPGAPGSQGAPGLQGAPGAPGSQGAPGLQGAPGAPGSQGAP 135
| : || | : : || : | : | : || || || || || || || || : | : |
Qy 184 CRDGATGPSPGQPQPGPVKGAEGLQGPQGAPGKQGAITGTPGPQGEKGSKGDGLLIPKGET 243

Db 136 GLQGAPGAPGSQGAPGLQGAPGAPGSQGAPGLQGAPGAPGSQGAPGLQGAPGAPGSQGAP 195
| : | | | : | : | : | : | : || || : | : || || || || || ||
Qy 244 GTKGEKGDLGLPGSKGDRGMKGDAVGMPGQAGSKGDFGRPGPGLAGFPGAKGDQQP 303

Db 196 GLQGAPGAPGSQGAPGLQGAPGAPGSQGAPGLQGAPGAPGSQGAPGLQGAPGAPGSQGAP 255
| : || || : | : | : || : | : | : | : | : | : | : | : |
Qy 304 GLQGVPGPPGAVCHPGAKGEPGSAGSPGRAGL---PGSPGSPGATGLKGSKGDGTGLQGQQ 360

Db 256 GLQGAPGAPGSQGAPGLQGAPGAPGSQGAPGLQGAPGAPGSQGAPGLQGAPGAPGSQG 313
| : | : || : | : || : | : | : | : | : | : | : | : | : |
Qy 361 GRKGESGVPGPAGVKGEGQSPGLAGPKGAPGQAGQKGDQGVKGSSGEQGVKGEGERG 418

RESULT 5
ID US-07-972-032-82 STANDARD; PRT; 1077 AA.
XX
AC XXXXXX
XX
DT
XX
DE Sequence 82, Application US/07972032
XX
CC Sequence 82, Application US/07972032
CC Patent No. 5496712
CC GENERAL INFORMATION:
CC APPLICANT: Cappello, Joseph
CC APPLICANT: Ferrari, Franco A.
CC TITLE OF INVENTION: HIGH MOLECULAR WEIGHT COLLAGEN-LIKE
CC TITLE OF INVENTION: PROTEIN POLYMERS
CC NUMBER OF SEQUENCES: 95

CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Bertram I. Rowland
CC STREET: 4 Embarcadero Center, Suite 3400
CC CITY: San Francisco
CC STATE: California
CC COUNTRY: USA
CC ZIP: CA 94111
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.25
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/07/972,032
CC FILING DATE: 19921105
CC CLASSIFICATION: 435
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US/07/791,960
CC FILING DATE: 12-NOV-1991
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Rowland, Bertram I.
CC REGISTRATION NUMBER: 20,015
CC REFERENCE/DOCKET NUMBER: A-55556-1/BIR/PROP-08-1
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (415) 781-1989
CC TELEFAX: (415) 398-3249
CC INFORMATION FOR SEQ ID NO: 82:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 1077 amino acids
CC TYPE: AMINO ACID
CC STRANDEDNESS: single
CC TOPOLOGY: linear
CC MOLECULE TYPE: protein
SO SEQUENCE 1077 AA: 91321 MW: 4955470 CN:

Query Match 21.6%; Score 793; DB 1; Length 1077;
Best Local Similarity 48.0%; Pred. No. 9.17e-52;
Matches 143; Conservative 40; Mismatches 111; Indels 4; Gaps 2;

Db	16	VTQLNRLAHHPPFASDPMPGAPGPGSQQAGPLQGAPGPGSQQAGPLQGAPGPGSQQAGP 75
: : : : : : : : : : : : : : : : : :		
Qy	125	VSHEHLLQRVDNFTQNP-GMFRIKGEGQAPGLQGHKGAMGMPGAPCPGPAAEKAGKAM 183
: : : : : : : : : : : : : : : : : :		
Db	76	GLQGAPGAPGSQQAGPLQGAPGAPGSQQAGPLQGAPGAPGSQQAGPLQGAPGAPGSQQAGP 135
: : : : : : : : : : : : : : : : : :		
Qy	184	GRDGATGPSPQGPQPGVKGEGAGLQGPQGAAPGKQGATGTPGPQGEKGSKGDGLIGPKGET 243
: : : : : : : : : : : : : : : : : :		
Db	136	GLQGAPGAPGSQQAGPLQGAPGAPGSQQAGPLQGAPGAPGSQQAGPLQGAPGAPGSQQAGP 195
: : : : : : : : : : : : : : : : : :		
Qy	244	GTKGEKGDLGLPGSKGDRGMKGDAVGMPGQAQSGKGDFGRGPGLAGFPGAKGDQGPQ 303
: : : : : : : : : : : : : : : : : :		
Db	196	GLQGAPGAPGSQQAGPLQGAPGAPGSQQAGPLQGAPGAPGSQQAGPLQGAPGAPGSQQAGP 255
: : : : : : : : : : : : : : : : : :		
Qy	304	GLQGVPGPPGAVGHPGAKGEPGSAGSPGRAGL--PGSPGPAGTLKGSKGDTGLQQQ 360
: : : : : : : : : : : : : : : : : :		
Db	256	GLQGAPGAPGSQQAGPLQGAPGAPGSQQAGPLQGAPGAPGSQQAGPLQGAPGAPGSQQAGP 313
: : : : : : : : : : : : : : : : : :		
Ov	361	GRKGESGVPGPAGVKGEGOQSPGLAGPKGAPGOAOGKDOGYVKGGSSGEQOVKGKEKGFR 418
: : : : : : : : : : : : : : : : : :		

RESULT 6
ID US-08-642-255-62 STANDARD; PRT; 1064 AA.
XX
AC XXXXXX
XX
DT
XX
DE Sequence 62, Application US/08642255
XX
CC Sequence 62, Application US/08642255
CC Patent No. 5773249
CC GENERAL INFORMATION:
CC APPLICANT: CAPPELLO, Joseph

RESULT 7
ID US-07-609-716-65 STANDARD; PRT; 408 AA.
XX
AC XXXXXX
XX
DT
XX
DE Sequence 65, Application US/07609716
XX
CC Sequence 65, Application US/07609716
CC Patent No 5514581

GENERAL INFORMATION:
CC APPLICANT: Ferrari, Franco A.
CC APPLICANT: Cappello, Joseph
CC TITLE OF INVENTION: Functional Recombinantly Prepared
CC TITLE OF INVENTION: Synthetic Protein Polymer
CC NUMBER OF SEQUENCES: 118
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
CC STREET: Four Embarcadero Center, Suite 3400
CC CITY: San Francisco
CC STATE: CA
CC COUNTRY: US
CC ZIP: 94111
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.30
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/07/609,716
CC FILING DATE: 06-NOV-1990
CC CLASSIFICATION: 435
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Rowland, Bertram I
CC REGISTRATION NUMBER: 20015
CC REFERENCE/DOCKET NUMBER: A-55186-3/BIR
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 415-781-1989
CC TELEFAX: 415-398-3249
CC INFORMATION FOR SEQ ID NO: 65:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 408 amino acids
CC TYPE: amino acid
CC STRANDEDNESS: single
CC TOPOLOGY: linear
CC MOLECULE TYPE: protein
SO SEQUENCE 408 AA: 35237 MW: 959886 CN:

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Query Match          20.7%; Score 757; DB 1; Length 408;
Best Local Similarity 47.6%; Pred. No. 6.45e-49;
Matches 129; Conservative 38; Mismatches 104; Indels 0; Gaps 0;

  55 GPPGPPGPGPAGPVGSPGAPGPPGPGPAGPVGSPGAPGPPGPGPAGPVGSPGAP 114
    |::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |
  148 GEQGAPGLQGHKGAMGMPGAPGPPGPPAEKCAKGAMGRDGAITGPSPGPQGPGVKGEAGLQ 207

  115 GPPGPPGPGPAGPVGSPGAPGPPGPGPAGPVGSPGAPGPPGPGPAGPVGSPGAP 174
    ||::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |
  208 GPQGAPGKQGATGTPGPQGEGSKGDGLIIPKGETGTKEKGDKLGLPGSKGDGRMGKDA 267

  175 GPPGPPGPGPAGPVGSPGAPGPPGPGPAGPVGSPGAPGPPGPGPAGPVGSPGAPGPP 234
    |::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |
  268 GVMGPPGAQGSKGDFGRGPQPLAGFPGAKCDQQPQLQGVPGPPGAVGRPGAKGEPSA 327

  235 GPPGPPGPGPAGPVGSPGAPGPPGPGPAGPVGSPGAPGPPGPGPAGPVGSPGAPGPP 294
    |::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |
  328 GSPGRAGLPGSPGSPGATGLKGSKDGTCLQGQCRKGESGVPGPAGVKGEOQGSPGLAGPK 387

  295 GPPGPAGPVGSPGAPGPPGPGPAGPVGSPGAPGPPGPGPAGPVGSPGAPG 325
    |::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |
  388 GAPGQAGOKGDQGVKGSSGEQVGKGEKGREG 418

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RESULT 8
ID US-08-642-255-53 STANDARD; PRT; 777 AA.
XX
AC XXXXXX
XX
DT
XX
DE Sequence 53, Application US/08642255
XX
CC Sequence 53, Application US/08642255

RESULT 9
ID US-08-642-255-52 STANDARD; PRT; 561 AA.
XX
AC XXXXXX
XX
DT
XX
DE Sequence 52, Application US/08642255

XX
CC Sequence 52, Application US/08642255
CC Patent No. 5773249
CC GENERAL INFORMATION:
CC APPLICANT: CAPPELLO, Joseph
CC APPLICANT: FERRARI, Franco A.
CC TITLE OF INVENTION: High Molecular Weight Collagen-Like
CC TITLE OF INVENTION: Protein Polymers
CC NUMBER OF SEQUENCES: 135
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
CC STREET: 4 Embarcadero Center, Suite 3400
CC CITY: San Francisco
CC STATE: California
CC COUNTRY: USA
CC ZIP: 94111-4187
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.30
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/642,255
CC FILING DATE:
CC CLASSIFICATION: 435
CC ATTORNEY/AGENT INFORMATION:
CC NAME: ROWLAND, Bertram I.
CC REGISTRATION NUMBER: 20,015
CC REFERENCE/DOCKET NUMBER: A55556-3/BIR
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (415) 494-8700
CC TELEFAX: (415) 494-8771
CC TELEX: 910 277299 FHT UR
CC INFORMATION FOR SEQ ID NO: 52:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 561 amino acids
CC TYPE: amino acid
CC STRANDEDNESS: single
CC TOPOLOGY: linear
CC MOLECULE TYPE: protein
SQ SEQUENCE 561 AA; 46438 MW; 1494070 CN;

RESULT 10
ID PCT-US95-02251-12 STANDARD; PRT; 1442 AA.
XX
AC XXXXXX
XX
DT

RESULT 11
ID US-08-642-255-32 STANDARD; PRT; 330 AA.
XX
AC XXXXXX
XX
DT
XX
DE Sequence 32, Application US/08642255
XX
CC Sequence 32, Application US/08642255
CC Patent No. 5773249
CC GENERAL INFORMATION:
CC APPLICANT: CAPPELLO, Joseph
CC APPLICANT: FERRARI, Franco A.
CC TITLE OF INVENTION: High Molecular Weight Collagen-Like
CC TITLE OF INVENTION: Protein Polymers
CC NUMBER OF SEQUENCES: 135
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
CC STREET: 4 Embarcadero Center, Suite 3400
CC CITY: San Francisco
CC STATE: California
CC COUNTRY: USA
CC ZIP: 94111-4187
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.30
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/642,255
CC FILING DATE:
CC CLASSIFICATION: 435
CC ATTORNEY/AGENT INFORMATION:
CC NAME: ROWLAND, Bertram I.
CC REGISTRATION NUMBER: 20,015
CC REFERENCE/DOCKET NUMBER: A55556-3/BIR
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (415) 494-8700
CC TELEFAX: (415) 494-8771
CC TELEX: 910 277299 FHT UR
CC INFORMATION FOR SEQ ID NO: 32:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 330 amino acids
CC TYPE: amino acid
CC STRANDEDNESS: single
CC TOPOLOGY: linear
CC MOLECULE TYPE: protein
SO SEQUENCE 330 AA: 28876 MW: 625100 CN:

304 GLQGVPGPPGAVGHGPAGKGEPGSAGSPGRAGLPGSPGSPGATGLKGSKGDTGLQQGRK 363
Db 253 GLPGSPGAPCTPGPQGLPGSPGAPGTPGPGQGLPGSPGAPGTPGPGQGLPGSPGAPG 307
| : | : | : | | | | : | : | : | : | : | : | : |
Qy 364 GESGVPGPAGVKGEQGSPGLAGPKAGQKGDQGVKGSSGEQGVKGERG 418

RESULT 13
ID US-08-477-509B-104 STANDARD; PRT; 417 AA.
XX
AC XXXXXX
XX
DT
XX
DE Sequence 104, Application US/08477509B
XX
CC Sequence 104, Application US/08477509B
CC Patent No. 5770697
CC GENERAL INFORMATION:
CC APPLICANT: Ferrari, Franco A
CC APPLICANT: Cappello, Joseph
CC APPLICANT: Crissman, John w
CC APPLICANT: Dorman, Mary A
CC TITLE OF INVENTION: No. 5770697el Peptides Comprising Repetitive
CC TITLE OF INVENTION: Units of Amino Acids and DNA Sequences Encoding the Same
CC NUMBER OF SEQUENCES: 112
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
CC STREET: Four Embarcadero Center, Suite 3400
CC CITY: San Francisco
CC STATE: California
CC COUNTRY: US
CC ZIP: 94111
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.30
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/477,509B
CC FILING DATE: 07-JUN-1995
CC CLASSIFICATION: 435
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 08/175,155
CC FILING DATE: 29-DEC-1993
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 08/053,049
CC FILING DATE: 22-APR-1993
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 07/114,618
CC FILING DATE: 29-OCT-1987
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 06/927,258
CC FILING DATE: 04-NOV-1986
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Trecartin, Richard F.
CC REGISTRATION NUMBER: 31,801
CC REFERENCE/DOCKET NUMBER: A-55186-7/RFT/MTK
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 415-781-1989
CC TELEFAX: 415-398-3249
CC INFORMATION FOR SEQ ID NO: 104:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 417 amino acids
CC TYPE: amino acid
CC STRANDEDNESS: single
CC TOPOLOGY: linear
CC MOLECULE TYPE: peptide
SO SEQUENCE: A17 AA: 37083 MW: 955434 CN:

Query Match 19.7%; Score 722; DB 1; Length 417;
Best Local Similarity 46.1%; Pred. No. 3.74e-46;
Matches 136; Conservative 32; Mismatches 123; Indels 4; Gaps 2;

Db 16 VTQLNRLAAHPPFASDPMGAPGTPGPQGLPGSPGAPGTPGPQGLPGSPGAPGTPGPQGLP 75
 |::| :| :|| ||| ||| :| :|| ||| :| :|| ||| :| :|| |:
 Qy 125 VSHEHLLQRVDNFTQNP-GMFRIKGEQQGAPGLQGHKGAMGMPGAPGPPGPPAEGKAGKM 183

 Db 76 GSPGAPGTPGPQGLPGSPGAPGTPGPQGLPGSPGAPGTPGPQGLPGSPGAPGTPGPQGLP 135
 | | | :| :|| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 Qy 184 GRDGATGPSPGPQGPVGKCEAGLQGPQGAPGKQGATGTPGPQGEKGSKGDDGLIGPKGET 243

 Db 136 GSPGAPGT---PGPQGLPGSPGAPGTPGPQGLPGSPGAPGTPGPQGLPGSPGAPGTPGPQ 192
 | :| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 Qy 244 GTKGEKGDLGLPGSKGDGRMKGDAGVMGPPGAQGSKGDFGRPGPPGLAGFPGAKGDQGQP 303

 Db 193 GLPGSPGAPGTPGPQGLPGSPGAPGTPGPQGLPGSPGAPGTPGPQGLPGSPGAPGTPGPQ 252
 ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 Qy 304 GLQGVPGPPGAVGHGAKCEPGSAGSPGRAGLPGSPGSPGATGLKGSKGDTGLQGQGRK 363

 Db 253 GLPGSPGAPGTPGPQGLPGSPGAPGTPGPQGLPGSPGAPGTPGPQGLPGSPGAPG 307
 | :| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 Qy 364 GESGVPGPAGVKGEQGSPCLAGPKGAPGQKGDQGVKGSSEQGVKGEKGERG 418

RESULT 14

ID US-08-642-255-102 STANDARD; PRT; 417 AA.

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AC XXXXXX

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DT

XX

DE Sequence 102, Application US/08642255

XX

CC Sequence 102, Application US/08642255

CC Patent No. 5773249

CC GENERAL INFORMATION:

CC APPLICANT: CAPPELLO, Joseph

CC APPLICANT: FERRARI, Franco A.

CC TITLE OF INVENTION: High Molecular Weight Collagen-Like

CC TITLE OF INVENTION: Protein Polymers

CC NUMBER OF SEQUENCES: 135

CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT

CC STREET: 4 Embarcadero Center, Suite 3400

CC CITY: San Francisco

CC STATE: California

CC COUNTRY: USA

CC ZIP: 94111-4187

CC COMPUTER READABLE FORM:

CC MEDIUM TYPE: Floppy disk

CC COMPUTER: IBM PC compatible

CC OPERATING SYSTEM: PC-DOS/MS-DOS

CC SOFTWARE: PatentIn Release #1.0, Version #1.30

CC CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: US/08/642,255

CC FILING DATE:

CC CLASSIFICATION: 435

CC ATTORNEY/AGENT INFORMATION:

CC NAME: ROWLAND, Bertram I.

CC REGISTRATION NUMBER: 20,015

CC REFERENCE/DOCKET NUMBER: A55556-3/BIR

CC TELECOMMUNICATION INFORMATION:

CC TELEPHONE: (415) 494-8700

CC TELEFAX: (415) 494-8771

CC TELEX: 910 277299 FHT UR

CC INFORMATION FOR SEQ ID NO: 102:

CC SEQUENCE CHARACTERISTICS:

CC LENGTH: 417 amino acids

CC TYPE: amino acid

CC STRANDEDNESS: single

CC TOPOLOGY: linear

CC MOLECULE TYPE: protein

SQ SEQUENCE 417 AA; 37083 MW; 955434 CN;

Query Match 19.7%; Score 722; DB 1; Length 417;

Best Local Similarity	46.1%	Pred. No.	3.74e-46;
Matches	136;	Conservative	32;
Mismatches	123;	Indels	4;
Gaps	2;		
b	16	VTQLNRLAHHPPFASDPGAGPTPGPQGLPGSPGAPGTPGPQGLPGSPGAPGTPGPQGLP 75	
y	125	VSHEHLLQRVDNFQN-P-GMFRIKGEQGQAPGLQCHKCAMGMPGAPGPPGPPAEKGAKGAM 183	
b	76	GSPGAPGTPGPQGLPGSPGAPGTPGPQGLPGSPGAPGTPGPQGLPGSPGAPGTPGPQGLP 135	
y	184	GRDGATGPGSPGQPQPGPVKGEGAGLQGPQGAPCKQGATGTPGPQGEKGSKGDGLLIGPKGET 243	
b	136	GSPGAPGT---PGPQGLPGSPGAPGTPGPQGLPGSPGAPGTPGPQGLPGSPGAPGTPGPQ 192	
y	244	GTKGEKGDKLGLPGSKGDRGMKGDAVGVMGPGQAQGSKGDFGRGPQPLLAGFPGAKDQGP 303	
b	193	GLPGSPGAPGTPGPQGLPGSPGAPGTPGPQGLPGSPGAPGTPGPQGLPGSPGAPGTPGPQ 252	
y	304	GLQGVPGPPGAVGHPGAKGEPGSAQSGPGRAGLPGSPGSPGATGLKGSKGDTGLQQGRK 363	
b	253	GLPGSPGAPGTPGPQGLPGSPGAPGTPGPQGLPGSPGAPGTPGPQGLPGSPGAPG 307	
y	364	GESGVPGPAGVKGEGQGSPGLAGPKGAPQGAGQKGDQGVKGSSGEQGVKEKG 418	

RESULT 15
ID US-08-642-255-101 STANDARD; PRT; 837 A
XX
AC XXXXXX

DE Sequence 101, Application US/08642255
XX
CC Sequence 101, Application US/08642255
CC Patent No. 5773249
CC GENERAL INFORMATION:
CC APPLICANT: CAPPELLO, Joseph
CC APPLICANT: FERRARI, Franco A.
CC TITLE OF INVENTION: High Molecular Weight Collagen-Like
CC TITLE OF INVENTION: Protein Polymers
CC NUMBER OF SEQUENCES: 135
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
CC STREET: 4 Embarcadero Center, Suite 3400
CC CITY: San Francisco
CC STATE: California
CC COUNTRY: USA
CC ZIP: 94111-4187
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.30
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/642,255
CC FILING DATE:
CC CLASSIFICATION: 435
CC ATTORNEY/AGENT INFORMATION:
CC NAME: ROWLAND, Bertram I.
CC REGISTRATION NUMBER: 20,015
CC REFERENCE/DOCKET NUMBER: A55556-3/BIR
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (415) 494-8700
CC TELEFAX: (415) 494-8771
CC TELEX: 910 277299 FHT UR
CC INFORMATION FOR SEQ ID NO: 101:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 837 amino acids
CC TYPE: amino acid
CC STRANDEDNESS: single
CC TOPOLOGY: linear
CC MOLECULE TYPE: protein
SQ SEQUENCE 837 AA; 72682 MW; 3863626 CN;

```

Query Match          19.7%; Score 722; DB 1; Length 837;
Best Local Similarity 46.18; Pred. No. 3.74e-46;
Matches 136; Conservative 32; Mismatches 123; Indels 4; Gaps 2;

Db    16 VTQNLNLAHPPFASDPMGAPGTPGPQCLPGSPGAPGTPGPQCLPGSPGAPGTPGPQCLP 75
|:: : | : | : || | : | : | : | : | : | : | : | : | : | : | : |
Qy   125 VSHEHLLQRVNDFTQNP-GMFRIKGEQGAPGLQGHKGAMGMGAPGPPGPPAEKGAKGAM 183

Db    76 GSPGAPGTPGPQCLPGSPGAPGTPGPQCLPGSPGAPGTPGPQCLPGSPGAPGTPGPQCLP 135
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
Qy   184 GRDGATGPSPGPGPPGVKGEGAGLQGPQGAPKQGATGTPGPQGEKGSKGDGGGLIGPKGET 243

Db    136 GSPGAPGT--PQPQGLPGSPGAPGTPGPQGLPGSPGAPGTPGPQGLPGSPGAPGTPGPQ 192
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
Qy   244 GTKGEKGDLGLPGSKGDRGMKGDAVGVMGPQGAQGSKGDFGRPGPPGLAGFPGAKGDQGP 303

Db    193 GLPGSPGAPCTGPQGLPGSPGAPGTPGPQCLPGSPGAPGTPGPQGLPGSPGAPGTPGPQ 252
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
Qy   304 GLQGVPGPPGAQVGHPGAKGEPGSAQSGPGRAGLPGSPGSPGATGLKGSKGDITGLQGQCRK 363

Db    253 GLPGSPGAPCTGPQGLPGSPGAPGTPGPQCLPGSPGAPGTPGPQGLPGSPGAPG 307
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
Qy   364 GESGVPGPAGVKGEQGSPGLAGPKGAPQGAKQKGDQGVKGSSGEQGVKGKEGERG 418

```

Search completed: Fri Sep 11 06:57:06 1998
Job time : 13 secs.


 (TM)

Release 3.1A John F. Collins, Biocomputing Research Unit.

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MPsrch_pp protein - protein database search, using Smith-Waterman algorithm

Run on: Fri Sep 11 06:57:25 1998; MasPar time 22.56 Seconds
 724.438 Million cell updates/sec

Tabular output not generated.

Title: >US-08-794-795-6
 Description: (1-520) from US08794795.pep
 Perfect Score: 3665

Sequence: 1 MRNKKILKEDELLSETQQAA.....NSWGHHDGSHEDAGVECSV 520

Scoring table: PAM 150
 Gap 11

Searched: 286381 seqs, 31430319 residues

Post-processing: Minimum Match 0%
 Listing first 45 summaries

Database: a-pending
 1:P9 2:U60 3:U7 4:U80 5:U81 6:U82 7:U83 8:U84 9:U85
 10:U86 11:U87 12:U88 13:U89 14:U90 15:U91 16:NEWP
 17:NEWU8 18:NEWU9

Statistics: Mean 34.734; Variance 179.067; scale 0.194

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result	Query	No.	Score	Match	Length	DB	ID	Description	Pred. No.
1	3665	100.0	520	11	US-08-794-	Sequence 6, Applicatio	2.68e-290		
2	3653	99.7	520	13	US-08-934-	Sequence 1, Applicatio	2.70e-289		
3	3493	95.3	495	11	US-08-794-	Sequence 2, Applicatio	6.29e-276		
4	2414	65.9	518	12	US-08-893-	Sequence 2, Applicatio	5.98e-186		
5	2414	65.9	518	13	US-08-934-	Sequence 3, Applicatio	5.98e-186		
6	2369	64.6	489	11	US-08-794-	Sequence 7, Applicatio	3.32e-182		
7	796	21.7	357	8	US-08-478-	Sequence 66, Applicati	2.12e-52		
8	796	21.7	357	8	US-08-475-	Sequence 66, Applicati	2.12e-52		
9	757	20.7	408	8	US-08-475-	Sequence 65, Applicati	3.07e-49		
10	757	20.7	408	8	US-08-478-	Sequence 65, Applicati	3.07e-49		
11	757	20.7	1107	11	US-08-763-	Sequence 8, Applicatio	3.07e-49		
12	757	20.7	1169	11	US-08-763-	Sequence 5, Applicatio	3.07e-49		
13	757	20.7	1171	11	US-08-763-	Sequence 6, Applicatio	3.07e-49		
14	757	20.7	1341	5	US-08-187-	Sequence 18, Applicati	3.07e-49		
15	757	20.7	1341	13	US-08-963-	Sequence 18, Applicati	3.07e-49		
16	757	20.7	1388	11	US-08-763-	Sequence 7, Applicatio	3.07e-49		
17	749	20.4	1078	5	US-08-187-	Sequence 21, Applicati	1.36e-48		
18	749	20.4	1078	13	US-08-963-	Sequence 21, Applicati	1.36e-48		
19	742	20.2	655	3	US-07-616-	Sequence 1, Applicatio	5.03e-48		
20	734	20.0	1442	7	US-08-316-	Sequence 12, Applicati	2.23e-47		
21	729	19.9	492	8	US-08-472-	Sequence 12, Applicati	5.66e-47		

22	729	19.9	492	8	US-08-461-	Sequence 12, Applicati	5.66e-47
23	729	19.9	492	8	US-08-469-	Sequence 12, Applicati	5.66e-47
24	729	19.9	492	8	US-08-461-	Sequence 12, Applicati	5.66e-47
25	728	19.9	492	8	US-08-469-	Sequence 11, Applicati	6.82e-47
26	728	19.9	492	8	US-08-461-	Sequence 11, Applicati	6.82e-47
27	728	19.9	492	8	US-08-472-	Sequence 11, Applicati	6.82e-47
28	728	19.9	492	8	US-08-461-	Sequence 11, Applicati	6.82e-47
29	730	19.9	1418	8	US-08-448-	Sequence 1, Applicatio	4.70e-47
30	730	19.9	1418	13	US-08-963-	Sequence 20, Applicati	4.70e-47
31	730	19.9	1418	3	US-07-984-	Sequence 1, Applicati	4.70e-47
32	730	19.9	1418	5	US-08-187-	Sequence 20, Applicati	4.70e-47
33	727	19.8	1017	8	US-08-461-	Sequence 10, Applicati	8.22e-47
34	727	19.8	1017	8	US-08-472-	Sequence 10, Applicati	8.22e-47
35	727	19.8	1017	8	US-08-469-	Sequence 10, Applicati	8.22e-47
36	727	19.8	417	11	US-08-707-	Sequence 76, Applicati	2.08e-46
37	722	19.7	417	11	US-08-707-	Sequence 76, Applicati	2.08e-46
38	722	19.7	417	8	US-08-477-	Sequence 104, Applicat	2.08e-46
39	722	19.7	417	8	US-08-482-	Sequence 104, Applicat	2.08e-46
40	722	19.7	417	11	US-08-707-	Sequence 76, Applicati	2.08e-46
41	722	19.7	837	11	US-08-707-	Sequence 75, Applicati	2.08e-46
42	722	19.7	837	11	US-08-707-	Sequence 75, Applicati	2.08e-46
43	722	19.7	837	8	US-08-477-	Sequence 103, Applicat	2.08e-46
44	722	19.7	837	8	US-08-482-	Sequence 103, Applicat	2.08e-46
45	696	19.0	1366	5	US-08-187-	Sequence 19, Applicati	2.62e-44

ALIGNMENTS

RESULT	1			
ID	US-08-794-795-6	STANDARD;	PRT;	520 AA.
XX	XXXXXX			
AC	XXXXXXXXXX			
XX	DT			
DE	Sequence 6, Application US/08794795			
CC	Sequence 6, Application US/08794795			
CC	GENERAL INFORMATION:			
CC	APPLICANT: Elshourlagy, Nabil			
CC	APPLICANT: Adamou, John			
CC	APPLICANT: Gross, Mitchell			
CC	APPLICANT: Lysko, Paul			
CC	TITLE OF INVENTION: Human Macro Scavenger Rec			
CC	TITLE OF INVENTION: eptor			
CC	NUMBER OF SEQUENCES: 9			
CC	CORRESPONDENCE ADDRESS:			
CC	ADDRESSEE: SmithKline Beecham Corporation			
CC	STREET: 709 Swedeland Road			
CC	CITY: King of Prussia			
CC	STATE: PA			
CC	COUNTRY: USA			
CC	ZIP: 19406			
CC	COMPUTER READABLE FORM:			
CC	MEDIUM TYPE: Diskette			
CC	COMPUTER: IBM Compatible			
CC	OPERATING SYSTEM: DOS			
CC	SOFTWARE: FastSEQ for Windows Version 2.0			
CC	CURRENT APPLICATION DATA:			
CC	APPLICATION NUMBER: US/08/794,795			
CC	FILING DATE: 04-FEB-1997			
CC	CLASSIFICATION: 435			
CC	PRIOR APPLICATION DATA:			
CC	APPLICATION NUMBER: ATG50009P			
CC	FILING DATE: 22-MAY-1996			
CC	ATTORNEY/AGENT INFORMATION:			
CC	NAME: Han, William T			
CC	REGISTRATION NUMBER: 34,344			
CC	REFERENCE/DOCKET NUMBER: ATG50009			
CC	TELECOMMUNICATION INFORMATION:			
CC	TELEPHONE: 610-270-5219			
CC	TELEFAX: 610-270-4026			
CC	TELEX:			

CC INFORMATION FOR SEQ ID NO: 6:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 520 amino acids
 CC TYPE: amino acid
 CC STRANDEDNESS: single
 CC TOPOLOGY: linear
 CC MOLECULE TYPE: peptide
 SQ SEQUENCE 520 AA; 52658 MW; 1340662 CN;

Query Match 100.0%; Score 3665; DB 11; Length 520;
 Best Local Similarity 100.0%; Pred. No. 2.68e-290;
 Matches 520; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 MRNKKILKEDELLSETQQAAFHQIAMEPFEINVPKPKRNRGVNFSLAVVVIYLILLTAGA 60

Qy 1 MRNKKILKEDELLSETQQAAFHQIAMEPFEINVPKPKRNRGVNFSLAVVVIYLILLTAGA 60

Db 61 GLLVVQVLNLQARLRVLEMYFLNDTLAAEDSPSFSLQSAPGEHLAQGASRLQVLAQL 120

Qy 61 GLLVVQVLNLQARLRVLEMYFLNDTLAAEDSPSFSLQSAPGEHLAQGASRLQVLAQL 120

Db 121 TWVRVSHEHLLQRVDNFTQNPGRMFRIKGEQAGPLQGHKGAMGMGPAGPPGPPAEGKAK 180

Qy 121 TWVRVSHEHLLQRVDNFTQNPGRMFRIKGEQAGPLQGHKGAMGMGPAGPPGPPAEGKAK 180

Db 181 GAMGRDGATGPSPGPQGPPGVKGEAGLQGPQAGPKQGATGTPGPQGEKGSKGDGGLIGPK 240

Qy 181 GAMGRDGATGPSPGPQGPPGVKGEAGLQGPQAGPKQGATGTPGPQGEKGSKGDGGLIGPK 240

Db 241 GETGTKGEKGDLGLPGSKGDGRMGKDAGVMGPPGAQGSKGDFGRPGPPLAGFPGAKGDQ 300

Qy 241 GETGTKGEKGDLGLPGSKGDGRMGKDAGVMGPPGAQGSKGDFGRPGPPLAGFPGAKGDQ 300

Db 301 GQPGLQGVPGPPGAVGHGPAGKGEQGSPGSAQGPGRAGLPGSPGSPGATGLKGSKGDGTGLQGQQ 360

Qy 301 GQPGLQGVPGPPGAVGHGPAGKGEQGSPGSAQGPGRAGLPGSPGSPGATGLKGSKGDGTGLQGQQ 360

Db 361 GRKGESGVPGPAGVKGEQGSPGLAGPKGAPCQAGQKGDQGVKGSSGEQGVKGEKGERGEN 420

Qy 361 GRKGESGVPGPAGVKGEQGSPGLAGPKGAPCQAGQKGDQGVKGSSGEQGVKGEKGERGEN 420

Db 421 SVSVRIVGSSNRGRAEVYYSGTWTGTCIDDEWQNSDAIVFCRMLGYSKGRALYKVGACTGQ 480

Qy 421 SVSVRIVGSSNRGRAEVYYSGTWTGTCIDDEWQNSDAIVFCRMLGYSKGRALYKVGACTGQ 480

Db 481 IWLDNVQCRGTTESTLWSCTKNSWGHHDCSHEEDAGVECSV 520

Qy 481 IWLDNVQCRGTTESTLWSCTKNSWGHHDCSHEEDAGVECSV 520

RESULT 2
 ID US-08-934-168-1 STANDARD; PRT; 520 AA.

XX
 AC XXXXXX
 XX
 DT
 XX
 DE Sequence 1, Application US/08934168
 XX
 CC Sequence 1, Application US/08934168
 CC GENERAL INFORMATION:
 CC APPLICANT: Bandman, Olga
 CC APPLICANT: Lal, Preeti
 CC APPLICANT: Corley, Neil C.
 CC APPLICANT: Shah, Purvi
 CC TITLE OF INVENTION: HUMAN MARCO
 CC NUMBER OF SEQUENCES: 3
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: Incyte Pharmaceuticals, Inc.
 CC STREET: 3174 Porter Drive
 CC CITY: Palo Alto
 CC STATE: CA
 CC COUNTRY: USA

CC ZIP: 94304
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Diskette
 CC COMPUTER: IBM Compatible
 CC OPERATING SYSTEM: DOS
 CC SOFTWARE: FastSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/934,168
 CC FILING DATE: Herewith
 CC CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER:
 CC FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 CC NAME: Billings, Lucy J.
 CC REGISTRATION NUMBER: 36,749
 CC REFERENCE/DOCKET NUMBER: PF-0392 US
 TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: 650-855-0555
 CC TELEFAX: 650-845-4166
 CC TELEX:
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 520 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 IMMEDIATE SOURCE:
 LIBRARY: MMLR3DT01
 CLONE: 569648
 SQ SEQUENCE 520 AA; 52674 MW; 1339522 CN;

Query Match 99.7%; Score 3653; DB 13; Length 520;
 Best Local Similarity 99.8%; Pred. No. 2.70e-289;
 Matches 519; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 1 MRNKKILKEDELLSETQQAAFHQIAMEPFEINVPKPKRNRGVNFSLAVVVIYLILLTAGA 60

Qy 1 MRNKKILKEDELLSETQQAAFHQIAMEPFEINVPKPKRNRGVNFSLAVVVIYLILLTAGA 60

Db 61 GLLVVQVLNLQARLRVLEMYFLNDTLAAEDSPSFSLQSAPGEHLAQGASRLQVLAQL 120

Qy 61 GLLVVQVLNLQARLRVLEMYFLNDTLAAEDSPSFSLQSAPGEHLAQGASRLQVLAQL 120

Db 121 TWVRVSHEHLLQRVDNFTQNPGRMFRIKGEQAGPLQGHKGAMGMGPAGPPGPPAEGKAK 180

Qy 121 TWVRVSHEHLLQRVDNFTQNPGRMFRIKGEQAGPLQGHKGAMGMGPAGPPGPPAEGKAK 180

Db 181 GAMGRDGATGPSPGPQGPPGVKGEAGLQGPQAGPKQGATGTPGPQGEKGSKGDGGLIGPK 240

Qy 181 GAMGRDGATGPSPGPQGPPGVKGEAGLQGPQAGPKQGATGTPGPQGEKGSKGDGGLIGPK 240

Db 241 GETGTKGEKGDLGLPGSKGDGRMGKDAGVMGPPGAQGSKGDFGRPGPPLAGFPGAKGDQ 300

Qy 241 GETGTKGEKGDLGLPGSKGDGRMGKDAGVMGPPGAQGSKGDFGRPGPPLAGFPGAKGDQ 300

Db 301 GQPGLQGVPGPPGAVGHGPAGKGEQGSPGSAQGPGRAGLPGSPGSPGATGLKGSKGDGTGLQGQQ 360

Qy 301 GQPGLQGVPGPPGAVGHGPAGKGEQGSPGSAQGPGRAGLPGSPGSPGATGLKGSKGDGTGLQGQQ 360

Db 361 GRKGESGVPGPAGVKGEQGSPGLAGPKGAPCQAGQKGDQGVKGSSGEQGVKGEKGERGEN 420

Qy 361 GRKGESGVPGPAGVKGEQGSPGLAGPKGAPCQAGQKGDQGVKGSSGEQGVKGEKGERGEN 420

Db 421 SVSVRIVGSSNRGRAEVYYSGTWTGTCIDDEWQNSDAIVFCRMLGYSKGRALYKVGACTGQ 480

Qy 421 SVSVRIVGSSNRGRAEVYYSGTWTGTCIDDEWQNSDAIVFCRMLGYSKGRALYKVGACTGQ 480

Db 481 IWLDNVQCRGTTESTLWSCTKNSWGHHDCSHEEDAGVECSV 520

Qy 481 IWLDNVQCRGTTESTLWSCTKNSWGHHDCSHEEDAGVECSV 520

RESULT 3

ID US-08-794-795-2 STANDARD; PRT; 495 AA.

XX

AC XXXXXX

XX

DT

XX

DE Sequence 2, Application US/08794795

XX

CC Sequence 2, Application US/08794795

GENERAL INFORMATION:

CC APPLICANT: Elshourlagy, Nabil

CC APPLICANT: Adamou, John

CC APPLICANT: Gross, Mitchell

CC APPLICANT: Lysko, Paul

CC TITLE OF INVENTION: Human Macro Scavenger Rec

CC TITLE OF INVENTION: eptor

CC NUMBER OF SEQUENCES: 9

CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: SmithKline Beecham Corporation

CC STREET: 709 Swedeland Road

CC CITY: King of Prussia

CC STATE: PA

CC COUNTRY: USA

CC ZIP: 19406

CC COMPUTER READABLE FORM:

CC MEDIUM TYPE: Diskette

CC COMPUTER: IBM Compatible

CC OPERATING SYSTEM: DOS

CC SOFTWARE: FastSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: US/08/794,795

CC FILING DATE: 04-FEB-1997

CC CLASSIFICATION: 435

PRIOR APPLICATION DATA:

CC APPLICATION NUMBER: ATG50009P

CC FILING DATE: 22-MAY-1996

ATTORNEY/AGENT INFORMATION:

CC NAME: Han, William T

CC REGISTRATION NUMBER: 34,344

CC REFERENCE/DOCKET NUMBER: ATG50009

TELECOMMUNICATION INFORMATION:

CC TELEPHONE: 610-270-5219

CC TELEFAX: 610-270-4026

CC TELEX:

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

CC LENGTH: 495 amino acids

CC TYPE: amino acid

CC STRANDEDNESS: single

CC TOPOLOGY: linear

CC MOLECULE TYPE: peptide

SQ SEQUENCE 495 AA; 49764 MW; 1218428 CN;

Query Match 95.3%; Score 3493; DB 11; Length 495;
 Best Local Similarity 99.8%; Pred. No. 6.29e-276;
 Matches 494; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Db 1 MEPFEINVPKPKRNRNGVNFSLAVVVIYLILLTAGAGLVLVQVNLQARLRVLEMYFLNDT 60

Qy 26 MEPFEINVPKPKRNRNGVNFSLAVVVIYLILLTAGAGLVLVQVNLQARLRVLEMYFLNDT 85

Db 61 LAAEDSPSFSLQSAHPGEHLAQGASRLQLQAQLTWVRVSHEHLLQRVDNFTQNPGMFR 120

Qy 86 LAAEDSPSFSLQSAHPGEHLAQGASRLQLQAQLTWVRVSHEHLLQRVDNFTQNPGMFR 145

Db 121 IKGEQGAPGLQGHKGAMGMPGAPGPPGPPAEKGAKGAMGRDGTGPGSPGPQPGVKGEAG 180

Qy 146 IKGEQGAPGLQGHKGAMGMPGAPGPPGPPAEKGAKGAMGRDGTGPGSPGPQPGVKGEAG 205

Db 181 LQGPQGAPGKQGATGTPGPQGEKGSKGDGGLIGPKGETGKGEKGDLGLPGSKGDGMKG 240

Qy 206 LQGPQGAPGKQGATGTPGPQGEKGSKGDGGLIGPKGETGKGEKGDLGLPGSKGDGMKG 265

Db 241 DAGVMGPPGAQGSKGDFGRPGPPGLAGFPAGKGDQGQPGLQGVPGPVGAVGHPGAKGEPEG 300

Qy 266 DAGVMGPPGAQGSKGDFGRPGPPGLAGFPAGKGDQGQPGLQGVPGPVGAVGHPGAKGEPEG 325

Db 301 SAGSPGRAGLPGSPGSPCATGLKGSKGDTGLQQGQRKGESGVPGPAGVKGEQGSPGLAG 360

Qy 326 SAGSPGRAGLPGSPGSPGATGLKGSKGDTGLQQGQRKGESGVPGPAGVKGEQGSPGLAG 385

Db 361 PKGAPGQAGQKGDGQGVKGSSCEQGVKEKGEGENSVSRIVGSSNRRGAEVYYSGTWGT 420

Qy 386 PKGAPGQAGQKGDGQGVKGSSCEQGVKEKGEGENSVSRIVGSSNRRGAEVYYSGTWGT 445

Db 421 ICDDEWNQNSDAIVFCRMLGYSKGRALYKVGAGTQIWLNDNVQCRTESTLWSCTKNSWGH 480

Qy 446 ICDDEWNQNSDAIVFCRMLGYSKGRALYKVGACTQIWLNDNVQCRTESTLWSCTKNSWGH 505

Db 481 HDCSHEEDAGVECSV 495

Qy 506 HDCSHEEDAGVECSV 520

RESULT 4

ID US-08-893-467A-2 STANDARD; PRT; 518 AA.

XX

AC XXXXXX

XX

DT

XX

DE Sequence 2, Application US/08893467A

XX

CC Sequence 2, Application US/08893467A

GENERAL INFORMATION:

CC APPLICANT: Tryggvason, Karl

CC APPLICANT: Elomaa, Outi

CC APPLICANT: Kangas, Maarit

CC TITLE OF INVENTION: An Insolated DNA Sequence For a

CC TITLE OF INVENTION: Novel Macrophage Receptor with

CC TITLE OF INVENTION: a Collagenous Domain and the

CC TITLE OF INVENTION: Polypeptide Chain Encoded by

CC TITLE OF INVENTION: such a Sequence

CC NUMBER OF SEQUENCES: 2

CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: Fay, Sharpe, Beall, Fagan,

CC ADDRESSEE: Minnich & McKee

CC STREET: 1100 Superior Avenue

CC STREET: Suite 700

CC CITY: Cleveland

CC STATE: Ohio

CC COUNTRY: U.S.A.

CC ZIP: 44114-2518

CC COMPUTER READABLE FORM:

CC MEDIUM TYPE: Diskette, 3.50 inch,

CC MEDIUM TYPE: 720 Kb storables

CC COMPUTER: IBM PS/2, Model 35 SX

CC OPERATING SYSTEM: DOS 5.0

CC SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: US/08/893,467A

CC FILING DATE:

CC CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

CC NAME: Minnich, Richard J.

CC REGISTRATION NUMBER: 24,175

CC REFERENCE/DOCKET NUMBER: TRV 2 009

TELECOMMUNICATION INFORMATION:

CC TELEPHONE: (216) 861-5582

CC TELEFAX: (216) 241-1666

CC TELEX: (216) 980162

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

CC LENGTH: 518 amino acids

CC TYPE: amino acid

CC STRANDEDNESS: Single
 CC TOPOLOGY: Linear
 SQ SEQUENCE 518 AA; 52730 MW; 1281000 CN;

Query Match 65.9%; Score 2414; DB 12; Length 518;
 Best Local Similarity 67.3%; Pred. No. 5.98e-186;
 Matches 352; Conservative 73; Mismatches 89; Indels 9; Gaps 8;

Db 1 MGSKELLKEEDFLGSTDERRDFDQAMFPVMETFEINDPVPKKRNGGTFCMAVMIAHILL 60
 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :

Qy 1 MRNKKILKEDELLSETQQ-AAFHQ-I-A-MEPFEINVPKPKRNRGVNFSLAVVVIYLILL 56

Db 61 TAGTALLIQLVNLQEQLQMLLEMCGNGSLAIEDKPFSSL-QWA-PKTHLVPRAQGLQAL 118
 |||::|:|||::|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:

Qy 57 TAGAGLLVVQVLNLQARLRVLEMYFLNDTLAAEDSPSFLQSAPGEHLAQGASRLQVL 116

Db 119 QAQLSWVHTSQEQLRQQFNNLTQNPELFQIKGERGSPG-P--KGAPGAPGIPGLPQPAE 175
 |||:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:

Qy 117 QAQLTWVRVSHEHLLQRVDNFTQNPGMFRIKGEQGAPGLQGHKGAMCAMPQAPGPPGPPAE 176

Db 176 KGEKGAAGRDTGPVQGPQGPGSKGEAGLQGLTGANPKQGATGAPGPRGEKGSKGDIGL 235
 |||:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:

Qy 177 KGAKGAMGRDGATGPSPGPQGPPGVKCEAGLQGPQAGPKQGATGTPGPQGEKGSKGDGGL 236

Db 236 TGPKGEHGTGDKDGLGLPGSKGDGRGMKGDAVGVMGPPGAQGSKGDFGRPGPPGLAGFPGA 295
 |||:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:

Qy 237 IGPKGETGTKGEKGDKDGLPGSKGDGRGMKGDAVGVMGPPGAQGSKGDFGRPGPPGLAGFPGA 296

Db 296 KGDQKPGVQGPQGAPGLSGAKGEPLGPGPAGPQGIAGNPGIAGVKGSKGDTGI 355
 |||:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:

Qy 297 KGDQGQPLQGVPGPAGVHGPAGKGEPSGSAGSPGRAGLPGSPGSPGATGLKGSKGDGTGL 356

Db 356 QQQKGTGKGESEGVPGVLRKGDTGSPGLAGPKGEPLGPGVQKGDPMGKSSGQQGQKGEKGQ 415
 |||:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:

Qy 357 QQQQGRKGESEGVPGPAGVKGEQGSPGLAGPKGAPQAGQKGDQGVKGSSGEQGVKGKE 416

Db 416 KGESFQRVRIMGGTNRGRAEVYYNNEWGTICDDWDNNDATVFCRMLGYSRGALSSYGG 475
 ::|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:

Qy 417 RGENSVSRIVGSSNRRGRAEVYYSTWGTICDDEWQNSDAIVFCRMLGYSKRALYKVGA 476

Db 476 GSGNIWLDNVNCRGTENSLSDCSKNSWGNHNHCNVHNEADAVECS 518
 ::|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:

Qy 477 GTGQIWLDNVQCRGTESTLWSCTKNSWGHHDSCHEEDAVVECS 519

RESULT 5
 ID US-08-934-168-3 STANDARD; PRT; 518 AA.

XX
 AC XXXXXX

XX
 DT

XX
 DE Sequence 3, Application US/08934168

XX
 CC Sequence 3, Application US/08934168

CC GENERAL INFORMATION:

CC APPLICANT: Bandman, Olga

CC APPLICANT: Lal, Preeti

CC APPLICANT: Corley, Neil C.

CC APPLICANT: Shah, Purvi

CC TITLE OF INVENTION: HUMAN MARCO

CC NUMBER OF SEQUENCES: 3

CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: Incyte Pharmaceuticals, Inc.

CC STREET: 3174 Porter Drive

CC CITY: Palo Alto

CC STATE: CA

CC COUNTRY: USA

CC ZIP: 94304

CC COMPUTER READABLE FORM:

CC MEDIUM TYPE: Diskette

CC COMPUTER: IBM Compatible

CC OPERATING SYSTEM: DOS

CC SOFTWARE: FastSEQ for Windows Version 2.0

CC CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: US/08/934,168

CC FILING DATE: Herewith

CC CLASSIFICATION: 435

CC PRIOR APPLICATION DATA:

CC APPLICATION NUMBER:

CC FILING DATE:

CC ATTORNEY/AGENT INFORMATION:

CC NAME: Billings, Lucy J.

CC REGISTRATION NUMBER: 36,749

CC REFERENCE/DOCKET NUMBER: PF-0392 US

CC TELECOMMUNICATION INFORMATION:

CC TELEPHONE: 650-855-0555

CC TELEFAX: 650-845-4166

CC TELEX:

CC INFORMATION FOR SEQ ID NO: 3:

CC SEQUENCE CHARACTERISTICS:

CC LENGTH: 518 amino acids

CC TYPE: amino acid

CC STRANDEDNESS: single

CC TOPOLOGY: linear

CC IMMEDIATE SOURCE:

CC LIBRARY: GenBank

CC CLONE: 682723

SQ SEQUENCE 518 AA; 52730 MW; 1281000 CN;

Query Match 65.9%; Score 2414; DB 13; Length 518;

Best Local Similarity 67.3%; Pred. No. 5.98e-186;

Matches 352; Conservative 73; Mismatches 89; Indels 9; Gaps 8;

Db 1 MGSKELLKEEDFLGSTDERRDFDQAMFPVMETFEINDPVPKKRNGGTFCMAVMIAHILL 60
 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :

Qy 1 MRNKKILKEDELLSETQQ-AAFHQ-I-A-MEPFEINVPKPKRNRGVNFSLAVVVIYLILL 56

Db 61 TAGTALLIQLVNLQEQLQMLLEMCGNGSLAIEDKPFSSL-QWA-PKTHLVPRAQGLQAL 118
 |||::|:|||::|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:

Qy 57 TAGAGLLVVQVLNLQARLRVLEMYFLNDTLAAEDSPSFLQSAPGEHLAQGASRLQVL 116

Db 119 QAQLSWVHTSQEQLRQQFNNLTQNPELFQIKGERGSPG-P--KGAPGAPGIPGLPQPAE 175
 |||:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:

Qy 117 QAQLTWVRVSHEHLLQRVDNFTQNPGMFRIKGEQGAPGLQGHKGAMCAMPQAPGPPGPPAE 176

Db 176 KGEKGAAGRDTGPVQGPQGPGSKGEAGLQGLTGANPKQGATGAPGPRGEKGSKGDIGL 235
 |||:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:

Qy 177 KGAKGAMGRDGATGPSPGPQGPPGVKGEAGLQGPQAGPKQGATGTPGPQGEKGSKGDGGL 236

Db 236 TGPKGEHGTGDKDGLGLPGSKGDGRGMKGDTGPMSGPAQGGKGDAKGPKLGPLLAGSPGV 295
 |||:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:

Qy 237 IGPKGETGTKGEKGDKDGLPGSKGDGRGMKGDAVGVMGPPGAQGSKGDFGRPGPPGLAGFPGA 296

Db 296 KGDQKPGVQGPQGAPGLSGAKGEPLGPGPAGPQGIAGNPGIAGVKGSKGDTGI 355
 |||:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:

Qy 297 KGDQGQPLQGVPGPAGVHGPAGKGEPSGSAGSPGRAGLPGSPGSPGATGLKGSKGDGTGL 356

Db 356 QQQKGTGKGESEGVPGVLRKGDTGSPGLAGPKGEPLGPGVQKGDPMGKSSGQQGQKGEKGQ 415
 |||:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:

Qy 357 QQQQGRKGESEGVPGPAGVKGEQGSPGLAGPKGAPQAGQKGDQGVKGSSGEQGVKGKE 416

Db 416 KGESFQRVRIMGGTNRGRAEVYYNNEWGTICDDWDNNDATVFCRMLGYSRGALSSYGG 475
 ::|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:

Qy 417 RGENSVSRIVGSSNRRGRAEVYYSTWGTICDDEWQNSDAIVFCRMLGYSKRALYKVGA 476

Db 476 GSGNIWLDNVNCRGTENSLSDCSKNSWGNHNHCNVHNEADAVECS 518
 ::|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:

Qy 477 GTGQIWLDNVQCRGTESTLWSCTKNSWGHHDSCHEEDAVVECS 519

RESULT 6

ID US-08-794-795-7 STANDARD; PRT; 489 AA.

XX
 AC XXXXXX

XX

DT
XX
DE Sequence 7, Application US/08794795
XX
CC Sequence 7, Application US/08794795
CC GENERAL INFORMATION:
CC APPLICANT: Elshourlagy, Nabil
CC APPLICANT: Adamou, John
CC APPLICANT: Gross, Mitchell
CC APPLICANT: Lysko, Paul
CC TITLE OF INVENTION: Human Macro Scavenger Rec
CC TITLE OF INVENTION: eptor
CC NUMBER OF SEQUENCES: 9
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: SmithKline Beecham Corporation
CC STREET: 709 Swedeland Road
CC CITY: King of Prussia
CC STATE: PA
CC COUNTRY: USA
CC ZIP: 19406
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Diskette
CC COMPUTER: IBM Compatible
CC OPERATING SYSTEM: DOS
CC SOFTWARE: FastSEQ for Windows Version 2.0
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/794,795
CC FILING DATE: 04-FEB-1997
CC CLASSIFICATION: 435
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: ATG50009P
CC FILING DATE: 22-MAY-1996
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Han, William T
CC REGISTRATION NUMBER: 34,344
CC REFERENCE/DOCKET NUMBER: ATG50009
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 610-270-5219
CC TELEFAX: 610-270-4026
CC TELEX:
CC INFORMATION FOR SEQ ID NO: 7:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 489 amino acids
CC TYPE: amino acid
CC STRANDEDNESS: single
CC TOPOLOGY: linear
CC MOLECULE TYPE: protein
SQ SEQUENCE 489 AA; 49441 MW; 1141296 CN;

Query Match 64.6%; Score 2369; DB 11; Length 489;
Best Local Similarity 69.2%; Pred. No. 3.32e-182;
Matches 342; Conservative 63; Mismatches 84; Indels 5; Gaps 4;

Db 1 METFEINDPVPKRNRGGTFCMAVMIAHLLILTAGTALLLIQVNLNQEQLQMLEMCCGNGS 60
|| ||||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :|||
Qy 26 MPPFEINVPKPKRNRGVNFSLAVVVYIILLTAGAGLLVQVVLNQARLRVLEMYFLNDT 85
|| ||||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :|||
Db 61 LAIEDKPFSSL-QWA-PKTHLVPRAQQLQALQALSWSVHTSQEQLRQQFNLTQNPELFQ 118
|| ||||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :|||
Qy 86 LAAEDSPSFSLLSQSAHPGEHLAQGASRLQVLQAQLTVRVSHEHLLQRVDNFQTNPQGMFR 145
|| ||||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :|||
Db 119 IKGERGSPG-P--KGAPGAPGIPGLPGPAEKGEKAAGRDTGPGVQGPQGPPGSKGEAG 175
|| ||||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :|||
Qy 146 IKGEQGAPGLQGHKGAMGMPGAPCPGPPAEGKAKGAMGRDGATGPGPQGPQGPVKGAEAG 205
|| ||||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :|||
Db 176 LOGLTGAPKGQGATGAPGPRGEKGSKGDIGLTGPKEHGTGKDGLGLPGNKGDMGMKG 235
|| ||||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :|||
Qy 206 LQGPQGAPKGQGATGTPGPQGEGKSKGDGGGLIGPKGETGKGEKGDGLGLPGSKGDGMKG 265
|| ||||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :|||
Db 236 DTGPMGSPGAQGGKGDAKGPKGLPLAGSPGVKGDDQGKPGVQGVPGPQGAPGLSGAKGEPE 295
|| ||||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :|||
Qy 266 DAGVMGPPGAQGSKGDFGRGPGRPPCLACFPGAKGDQGPGLQGVPGPQGPVKGAKGEPE 325

Db 296 RTGLPCPAGPPGIAGNPGIAGVKGSKGDTGIQGQGKGEKGSVPGLVGRKGDTCSPCLAG 355
|| ||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :|||
Qy 326 SAGSPGRAGLPGSPGSPGATGLKGSKGDGTGLQGQGKRKESGVPGPACVKGEQGSPGLAG 385
|| ||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :|||
Db 356 PKGEPGRVQKGKDPGMKGSSGQQQKGKGEKGQKGEFQRVRIMGGTNRGRAEVYNNENGT 415
|| ||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :|||
Qy 386 PKGAPCQAGQKGDQGVKGSSGEQGVKGEKGERGENSVSRIVGSSNRCRAEVYSGTWGT 445
|| ||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :|||
Db 416 ICDDDWNNNDATVFCRMLGYSRGRALSSYGGSGNIWLDNVNCRGTESENLSWDCSKNSWGN 475
|| ||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :|||
Qy 446 ICDDEWQNSDAIVFCRMLGYSKGRALYKVGACTGQIWLDNVQCRTTESTLWSCTKNSWGN 505
|| ||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :|||
Db 476 HNCVHNEDAGVECS 489
|| | :||| :|||
Qy 506 HDCSHEEDAGVECS 519

RESULT 7
ID US-08-478-029A-66 STANDARD; PRT; 357 AA.
XX
AC XXXXXX
XX
DT
XX
DE Sequence 66, Application US/08478029A
XX
CC Sequence 66, Application US/08478029A
CC GENERAL INFORMATION:
CC APPLICANT: Ferrari, Franco A.
CC APPLICANT: Cappello, Joseph
CC TITLE OF INVENTION: Functional Recombinantly Prepared
CC TITLE OF INVENTION: Synthetic Protein Polymer
CC NUMBER OF SEQUENCES: 119
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
CC STREET: Four Embarcadero Center, Suite 3400
CC CITY: San Francisco
CC STATE: CA
CC COUNTRY: US
CC ZIP: 94111
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.30
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/478,029A
CC FILING DATE: 07-JUN-1995
CC CLASSIFICATION: 435
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 07/609,716
CC FILING DATE: 06-NOV-1990
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 07/269,429
CC FILING DATE: 09-NOV-1988
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 07/114,618
CC FILING DATE: 29-OCT-1987
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 06/927,258
CC FILING DATE: 04-NOV-1986
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Trecartin, Richard F.
CC REGISTRATION NUMBER: 31,801
CC REFERENCE/DOCKET NUMBER: A-55186-8/RFT/MTK
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 415-781-1989
CC TELEFAX: 415-398-3249
CC INFORMATION FOR SEQ ID NO: 66:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 357 amino acids
CC TYPE: amino acid
CC STRANDEDNESS: single

CC STATE: CA
 CC COUNTRY: US
 CC ZIP: 94111
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Floppy disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: PatentIn Release #1.0, Version #1.30
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/478,029A
 CC FILING DATE: 07-JUN-1995
 CC CLASSIFICATION: 435
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: US 07/609,716
 CC FILING DATE: 06-NOV-1990
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: US 07/269,429
 CC FILING DATE: 09-NOV-1988
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: US 07/114,618
 CC FILING DATE: 29-OCT-1987
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: US 06/927,258
 CC FILING DATE: 04-NOV-1986
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: Trecartin, Richard F.
 CC REGISTRATION NUMBER: 31,801
 CC REFERENCE/DOCKET NUMBER: A-55186-8/RFT/MTK
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: 415-781-1989
 CC TELEFAX: 415-398-3249
 CC INFORMATION FOR SEQ ID NO: 65:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 408 amino acids
 CC TYPE: amino acid
 CC STRANDEDNESS: single
 CC TOPOLOGY: linear
 CC MOLECULE TYPE: protein
 SQ SEQUENCE 408 AA; 35237 MW; 959886 CN;

 Query Match 20.7%; Score 757; DB 8; Length 408;
 Best Local Similarity 47.6%; Pred. No. 3.07e-49;
 Matches 129; Conservative 38; Mismatches 104; Indels 0; Gaps 0;

 Db 55 GPPGPPGPGPAGPVGSPGAPGPPGPPGPPGPPGAPGPPGPPGPPGPPGAGPVGSPGAP 114
 | :|||:|||:|||:|||:|||:|||:|||:|||:|||:|||:|||:|||:
 Qy 148 GEQCAPGLQGHKGAMGMPGAPGPPGPPAEKGAKGAMGRDGATGPGSPGQPGVGKGEAGLQ 207

 Db 115 GPPGPPGPGPAGPVGSPGAPGPPGPPGPPGPPGAGPVGSPGAPGPPGPPGPPGPPGPPGAPGPPGPP 174
 |||:|||:|||:|||:|||:|||:|||:|||:|||:|||:|||:
 Qy 208 GPQGAPKGQGATGTPGPQGEGKSGKDGLGIPKGETGKGEKGDLGLPGSKGDRGMKGDA 267

 Db 175 GPPGPPGPGPAGPVGSPGAPGPPGPPGPPGPPGPPGAGPVGSPGAPGPPGPPGPPGPPGAGPVGSPGAPGPP 234
 | :|||:|||:|||:|||:|||:|||:|||:|||:|||:|||:
 Qy 268 GVMGPPGAQGSKGDFGRGPGLAGFPGAKGDQGPQGLQGVPGPPGAVGHPGAKGEPEGSA 327

 Db 235 GPPGPPGPGPAGPVGSPGAPGPPGPPGPPGPPGAGPVGSPGAPGPPGPPGPPGPPGPPGAGPVGSPGPP 294
 | :|||:|||:|||:|||:|||:|||:|||:|||:|||:
 Qy 328 GSPGRAGLPGSPGSPGATGLKGSKDGTGLQQQRKGESGVPGPAGVKGEQGSPGLAGPK 387

 Db 295 GPPGPGPAGPVGSPGAPGPPGPPGPPGPPGAGP 325
 | :|||:|||:|||:|||:
 Qy 388 GAPGQAGQKGDGQVKGSSGEQGVKGKEG 418

 RESULT 11
 ID US-08-763-497-8 STANDARD; PRT; 1107 AA.
 XX
 AC XXXXXX
 XX
 DT
 XX
 DE Sequence 8, Application US/08763497

XX
 CC Sequence 8, Application US/08763497
 CC GENERAL INFORMATION:
 CC APPLICANT: Gruskin et al.
 CC TITLE OF INVENTION: Recombinant Chimeric Proteins And
 CC TITLE OF INVENTION: Methods Of Use Thereof
 CC NUMBER OF SEQUENCES: 8
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Floppy disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/763,497
 CC FILING DATE: 11-DEC-1996
 CC CLASSIFICATION: 435
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: 08/259,263
 CC FILING DATE:
 CC INFORMATION FOR SEQ ID NO: 8:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 1107 amino acids
 CC TYPE: amino acid
 CC TOPOLOGY: linear
 CC MOLECULE TYPE: protein
 SQ SEQUENCE 1107 AA; 100327 MW; 5735272 CN;

Query Match 20.7%; Score 757; DB 11; Length 1107;
 Best Local Similarity 45.1%; Pred. No. 3.07e-49;
 Matches 134; Conservative 47; Mismatches 113; Indels 3; Gaps 2;

Db 289 EPGPVGVQGPPGPACEEGKRGARGECPGPTGLPGPGERGGPGSRGFPGADGVAGPKGPG 348
 :|| :| :|| :|| :|| | :|| | ||||| :|| :| | ||| :|| :|| :|| :|| :|| :||
 Qy 140 NPGMFRIKEQGAPGLQGHKGAMGMPGAPGPPGPAEKAKGAMGRDGATGPGPQGPPG 199

Db 349 ERGSPGPAGPKGSPGEAGRPGEAFLPGAKGLTGSPGSPGDPKTGPPGAGQDGRPGPPG 408
 :| :| ||| :| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 Qy 200 VKGEAGLQGPQCAPKQGATGTPGPQGEGKSKGDGLIGPKGETGKGEKDGLPGSKG 259

Db 409 PPARGQAGVMGFPGPKAAGEEPKGKAGERGVPGPPGAVGPGAKDGEAGAQGPPGPAGPAG 468
 | :| :||| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :|
 Qy 260 DRGMKGDAGVMGPPGAQGSKGDFGRPGPGLAGFPGAKGDQGPGLQGVPGPPGAVGHPG 319

Db 469 ERGEQGPAGSPGFQCLPGPAGPPGEAGKPGEQVPGCDLGAPGPGSARGERGPGERVGQ 528
 :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :|
 Qy 320 AKGEPGSAGSPGRAGLPGPSPGSPGATGLKGSKGD TG-L--QQQGRKGESGVPGPAGVK 376

Db 529 PPGPAGPRGANGAPCNDGAKGDAGAPGAPGSQGAPCLQGMPGERGAAGLPGPKDRG 585
 | :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :|
 Qy 377 EQGSPGLAGPKGAPQAGQKGDQGVKGSSGEQGVKGEKGERGENSVRIVGSSNRG 433

RESULT 12
 ID US-08-763-497-5 STANDARD; PRT; 1169 AA.

XX

AC

XX

DT

XX

DE Sequence 5, Application US/08763497

XX

CC

Query Match 20.7%; Score 757; DB 11; Length 1171;
 Best Local Similarity 45.1%; Pred. No. 3.07e-49;
 Matches 134; Conservative 47; Mismatches 113; Indels 3; Gaps 2;
 Db 289 EPGPVGVQGPPGPAGEEGKRGARGECPGPTGLPGPPGERGGPGSRGFPGADGVGPKPGPAG 348
 :|| :| :| ::| :| :|| | :| ||| :| :| :| :| ||| :| :| :| :| :| :|
 Qy 140 NPGMFRIKCEQGAPGLQGHKGAMGMPGAPCPPGPPAEKGAKGAMGRDGATGPSPGQGPPG 199
 :| :| ||| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :|
 Db 349 ERGSPGPAGPKGSPGEAGRPGEAGLPGAKGLTGSPGSPGDPGKTGPPGPGAGQDGRGPAGP 408
 :| :| ||| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :|
 Qy 200 VKGEAGLQGPQGPKQGATGTGPGPQGEKGSKGDGGGLIGPKGETGKGEKGDGLPLPGSKG 259
 :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :|
 Db 409 PPGARGQAGVGMGFPGPKGAAECPGKAGERGVPGPAGVAGPAGKDGEAGAQGPPGPAGPAG 468
 :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :|
 Qy 260 DRGMKGDAGVMPGPGQGSKGDFGRGPCCLAGFPGAKGDQGQPGLQGVPGPPGAVGHPG 319
 :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :|
 Db 469 ERGEQGPAGSPGFQGLPGPAGPPEAGKPGEQGVPGDLGAPGPGSARGERGFPGERGVQG 528
 :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :|
 Qy 320 AKGEPCSGASGPGRAGLPGSPGPGATGLKGSKGDITG-L--QQQQRKGESGVPGPAGVK 376
 :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :|
 Db 529 PPGPAGPRGANGAPGNDGAKGDAGAPGAPCSQGAPGLQGMPGERGAAGLPGPKDRG 585
 :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :|
 Qy 377 EQGSPGLAGPKGAPQAGQKGDQGVKGSSEQGVKGERGERGENSVSIVGSSNRG 433

RESULT 14

ID US-08-187-319A-18 STANDARD; PRT; 1341 AA.
 XX
 AC XXXXXX
 XX

DT
 XX
 DE Sequence 18, Application US/08187319A
 XX

CC Sequence 18, Application US/08187319A

CC GENERAL INFORMATION:

CC APPLICANT: Qvist, Per

CC APPLICANT: Bonde, Martin

CC TITLE OF INVENTION: A Method for Assaying Collagen Fragments

CC TITLE OF INVENTION: in Body Fluids, A Test Kit and Means for Carrying Out the

CC TITLE OF INVENTION: Method and Use of the Method to Diagnose the Presence of

CC TITLE OF INVENTION: Disorders Associated with the Metabolism of

CC NUMBER OF SEQUENCES: 21

CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: Darby & Darby PC

CC STREET: 805 Third Avenue

CC CITY: New York

CC STATE: New York

CC COUNTRY: USA

CC ZIP: 10022

CC COMPUTER READABLE FORM:

CC MEDIUM TYPE: Floppy disk

CC COMPUTER: IBM PC compatible

CC OPERATING SYSTEM: PC-DOS/MS-DOS

CC SOFTWARE: PatentIn Release #1.0, Version #1.25

CC CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: US/08/187,319A

CC FILING DATE: 21-JAN-1994

CC CLASSIFICATION: 436

CC ATTORNEY/AGENT INFORMATION:

CC NAME: Gogoris, Adda C

CC REGISTRATION NUMBER: 29,714

CC REFERENCE/DOCKET NUMBER: 4305/08701

CC TELECOMMUNICATION INFORMATION:

CC TELEPHONE: 212-527-7700

CC TELEFAX: 212-753-6237

CC TELEX: 236687

CC INFORMATION FOR SEQ ID NO: 18:

CC SEQUENCE CHARACTERISTICS:

CC LENGTH: 1341 amino acids

CC TYPE: amino acid

CC TOPOLOGY: linear

CC MOLECULE TYPE: protein
 CC ORIGINAL SOURCE:
 CC ORGANISM: Homo sapiens
 CC IMMEDIATE SOURCE:
 CC CLONE: COLLAGEN ALPHA 1 (I)
 SQ SEQUENCE 1341 AA; 128257 MW; 8816128 CN;

Query Match 20.7%; Score 757; DB 5; Length 1341;
 Best Local Similarity 45.1%; Pred. No. 3.07e-49;
 Matches 134; Conservative 47; Mismatches 113; Indels 3; Gaps 2;

Db 326 EPGPVGVQGPPGPAGEEGKRGARGECPGPTGLPGPPGERGGPGSRGFPGADGVGPKPGPAG 385
 :|| :| :| ::| :| :|| | :| ||| :| :| :| :| :| :| :| :| :| :| :| :|
 Qy 140 NPGMFRIKCEQGAPGLQGHKGAMGMPGAPCPPGPPAEKGAKGAMGRDGATGPSPGQGPPG 199
 :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :|

Db 386 ERGSPGPAGPKGSPGEAGRPGTGLPGAKGLTGSPGSPGDPGKTGPPGPGAGQDGRGPAGP 445
 :| :| ||| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :|

Qy 200 VKGEAGLQGPQGPKQGATGTGPGPQGEKGSKGDGGGLIGPKGETGKGEKGDGLPLPGSKG 259
 :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :|

Db 446 PPGARGQAGVGMGFPGPKGAAECPGKAGERGVPGPAGVGPAGKDGEAGAQGPPGPAGPAG 505
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Qy 260 DRGMKGDAGVMPGPGQGSKGDFGRGPCCLAGFPGAKGDQGQPGLQGVPGPPGAVGHPG 319
 :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :|

Db 506 ERGEQGPAGSPGFQGLPGPAGPPEAGKPGEQGVPGDLGAPGPGSARGERGFPGERGVQG 565
 :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :|

Qy 320 AKGEPCSGASGPGRAGLPGSPGPGATGLKGSKGDITG-L--QQQQRKGESGVPGPAGVK 376
 :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :| :|

Db 566 PPGPAGPRGANGAPGNDGAKGDAGAPGAPCSQGAPGLQGMPGERGAAGLPGPKDRG 622
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Qy 377 EQGSPGLAGPKGAPQAGQKGDQGVKGSSEQGVKGERGERGENSVSIVGSSNRG 433

RESULT 15

ID US-08-963-825-18 STANDARD; PRT; 1341 AA.

XX
 AC XXXXXX
 XX

DT
 XX
 DE Sequence 18, Application US/08963825

XX
 CC Sequence 18, Application US/08963825

CC GENERAL INFORMATION:

CC APPLICANT: Qvist, Per

CC APPLICANT: Bonde, Martin

CC TITLE OF INVENTION: A Method for Assaying Collagen Fragments

CC TITLE OF INVENTION: in Body Fluids, A Test Kit and Means for Carrying Out the

CC TITLE OF INVENTION: Method and Use of the Method to Diagnose the Presence of

CC TITLE OF INVENTION: Disorders Associated with the Metabolism of

CC NUMBER OF SEQUENCES: 21

CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: Darby & Darby PC

CC STREET: 805 Third Avenue

CC CITY: New York

CC STATE: New York

CC COUNTRY: USA

CC ZIP: 10022

CC COMPUTER READABLE FORM:

CC MEDIUM TYPE: Floppy disk

CC COMPUTER: IBM PC compatible

CC OPERATING SYSTEM: PC-DOS/MS-DOS

CC SOFTWARE: PatentIn Release #1.0, Version #1.25

CC CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: US/08/963,825

CC FILING DATE:

CC CLASSIFICATION: 436

CC PRIOR APPLICATION DATA:

CC APPLICATION NUMBER: US/08/187,319

CC FILING DATE: 21-JAN-1994

CC ATTORNEY/AGENT INFORMATION:

CC NAME: Gogoris, Adda C

CC REGISTRATION NUMBER: 29,714

CC REFERENCE/DOCKET NUMBER: 4305/08701

CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 212-527-7700
CC TELEFAX: 212-753-6237
CC TELEX: 236687

CC INFORMATION FOR SEQ ID NO: 18:

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CC LENGTH: 1341 amino acids
CC TYPE: amino acid
CC TOPOLOGY: linear
CC MOLECULE TYPE: protein
CC ORIGINAL SOURCE:
CC ORGANISM: Homo sapiens
CC IMMEDIATE SOURCE:
CC CLONE: COLLAGEN ALPHA 1 (I)

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Db 326 EPGPVGVQGPPGPAGEEGKRGARGEGLPGLPGERGGPSRGFPGADGVAGPKGPAG 385
::| :| :|| ::| :|| | :|| || :| :|| || :| :|| || :| :|| || :|

Qy 140 NPGMPRIKGEQGAPGLQGHKGAMGMPGAPGPPGPPAEGKAKGAMGRDGATGPSPGPQGPPG 199

Db 386 ERGSPGPAGPKGPGEAGRPGEAALPGAKGLTGPSPGPDPGKTGPPGPAGQDGRPGPPG 445
::| :| || :|| | :| :|| | :|| | :|| | :|| | :|| | :|| | :|| | :||

Qy 200 VKGEAGLQGPQGAPGKQGATCTPGPQGEKGSKGDGGLIPKGETGKGEKGDGLPLPGSKG 259

Db 446 PPGARGQAGVMGFPGPKGAAAGEPGKAGERGVPGPPGAVGPGAGKDGEAGAQGPPGPAGPAG 505
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Qy 260 DRGMKGDAGVMMGPPGAQGSKGDFGRPGPPGLAGFPGAKGDQGQPGLQGVPGPPGAVGHPG 319

Db 506 ERGEQGPAGSPGFQGLPAGPAGPPCEAGKPGEOGVPGDGLCPGPGSGARCBERGFPGERGVQG 565
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Qy 320 AKGEPGSAGSPGRAGLPGSPGSPGATGLKGSKGDTG-L--QQQQRKGESGVPGPAGVKG 376

Db 566 PPAGPAGPRGANGAPGNDGAKGDAGAGPAGPSQGAPGLQGMPGERGAAGLPGPKDRG 622
| :| :| :|| | :| :| :| :| :| :| :| :| :| :| :| :| :| :|

Qy 377 EQGSPGLAGPKGAPGQAGQKGDQGVGSSGEQGVKEKGERGENSVSIRVGSSNRG 433

Search completed: Fri Sep 11 06:59:14 1998

Job time : 109 secs.